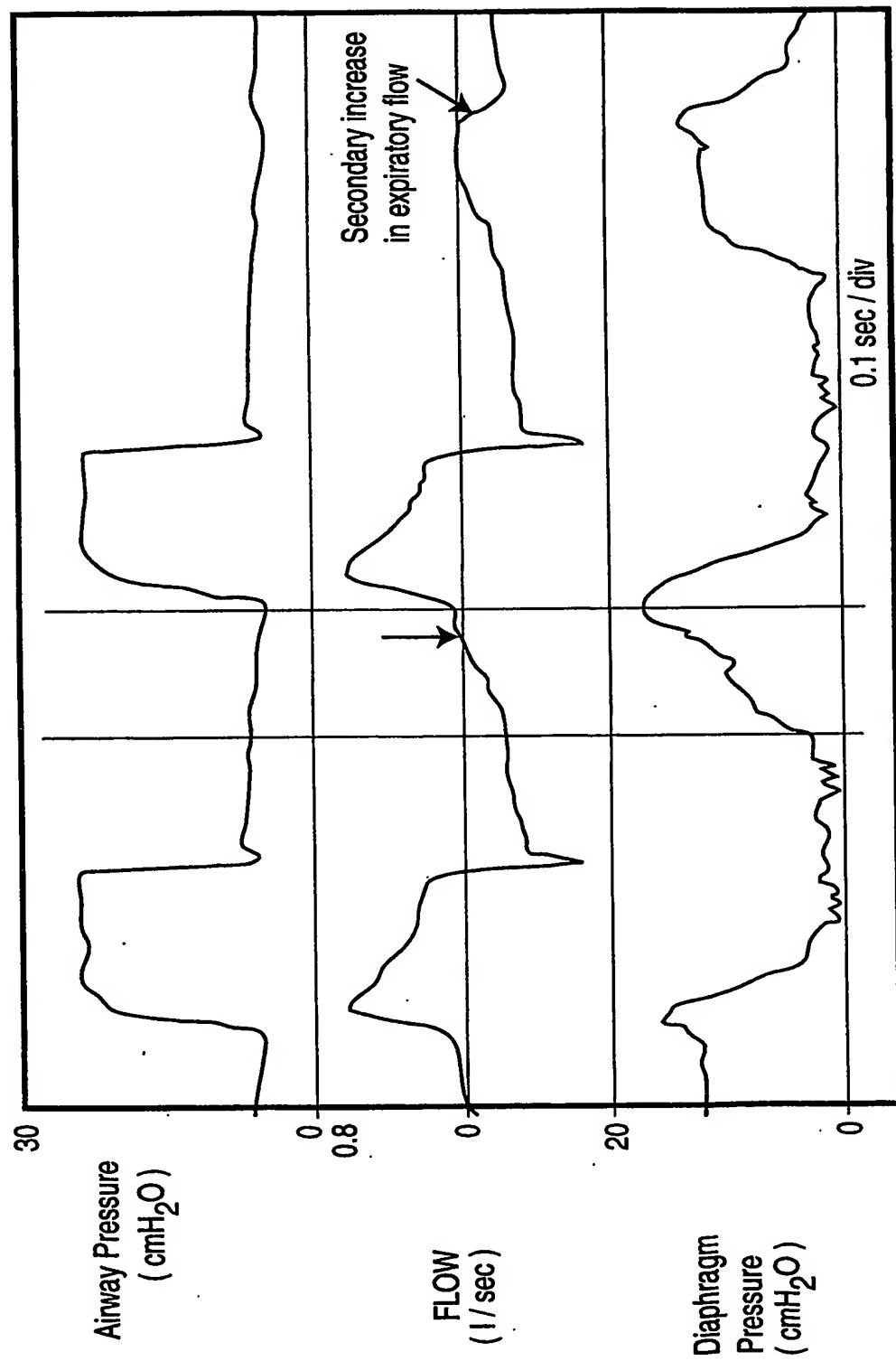


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Figure 1

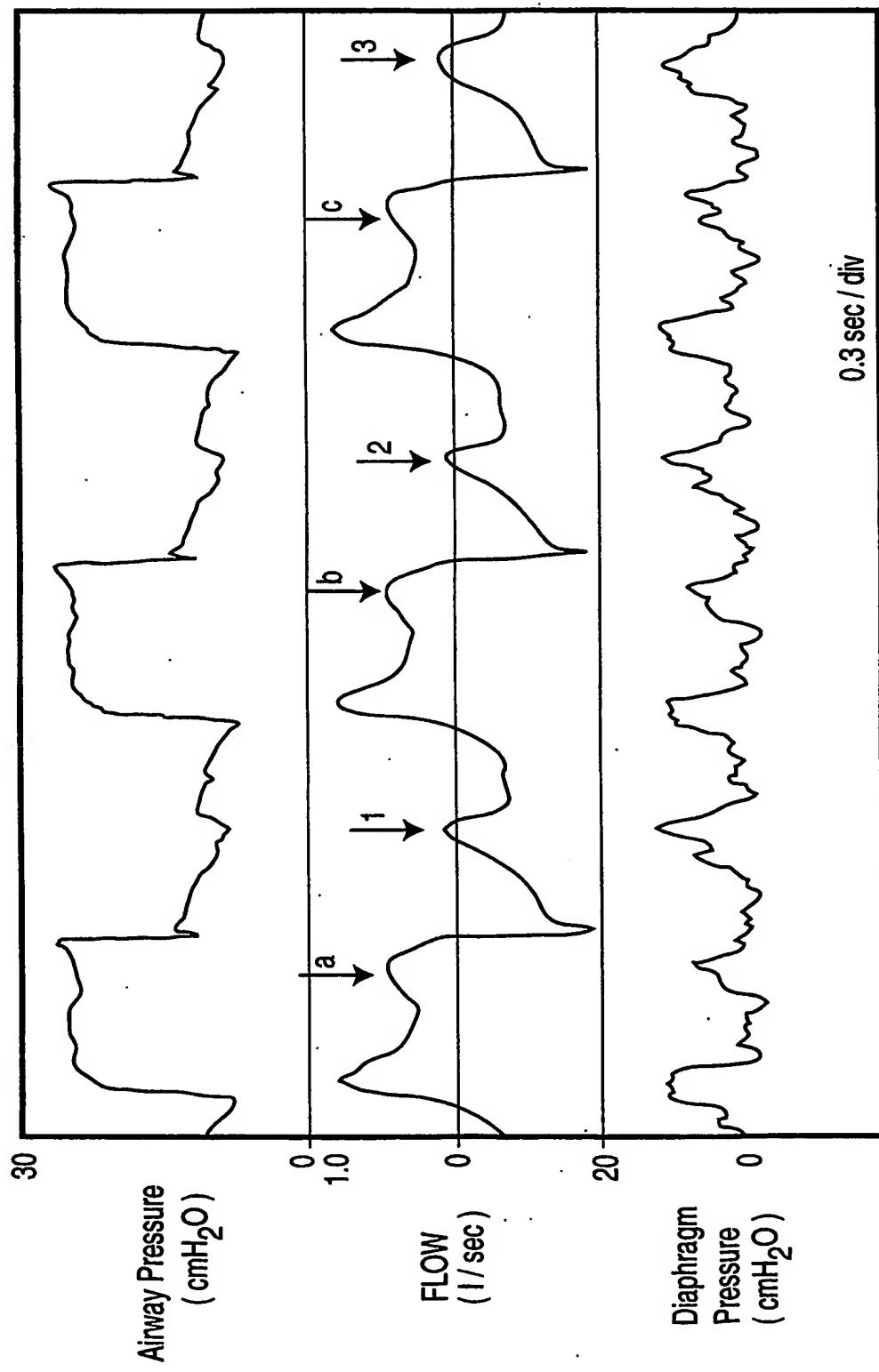
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WO 2004/002561

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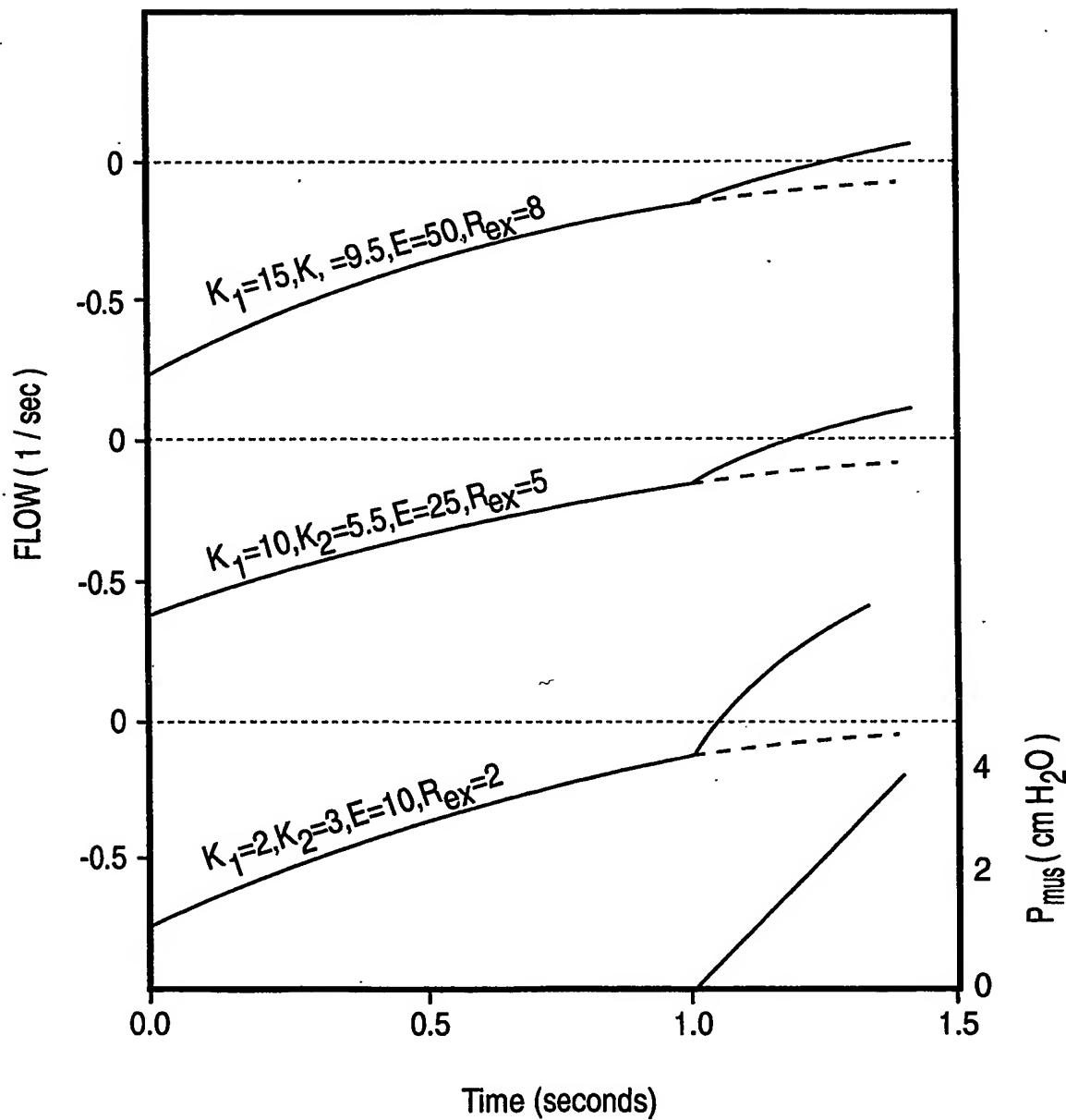
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Figure 2



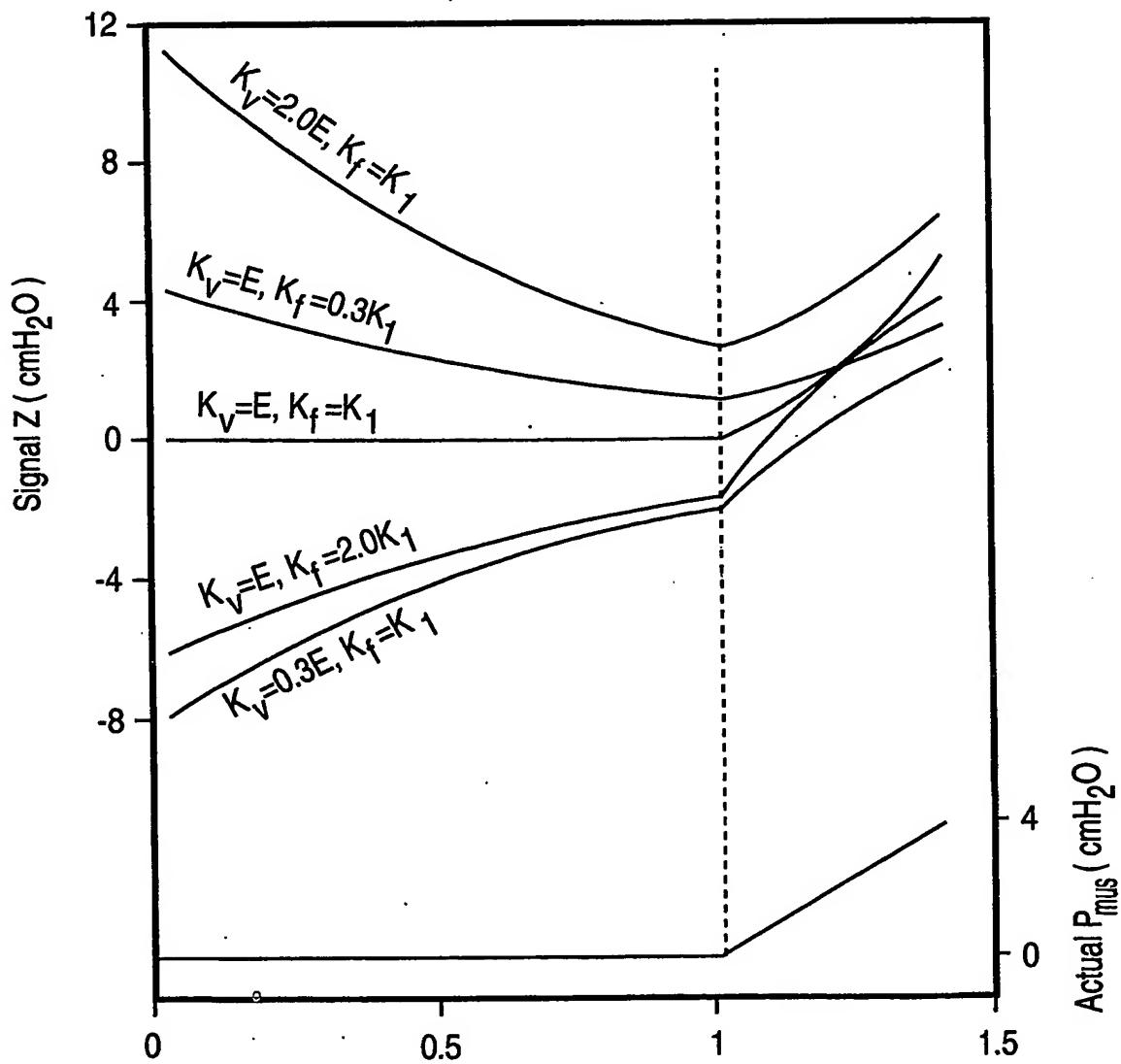
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Figure 3

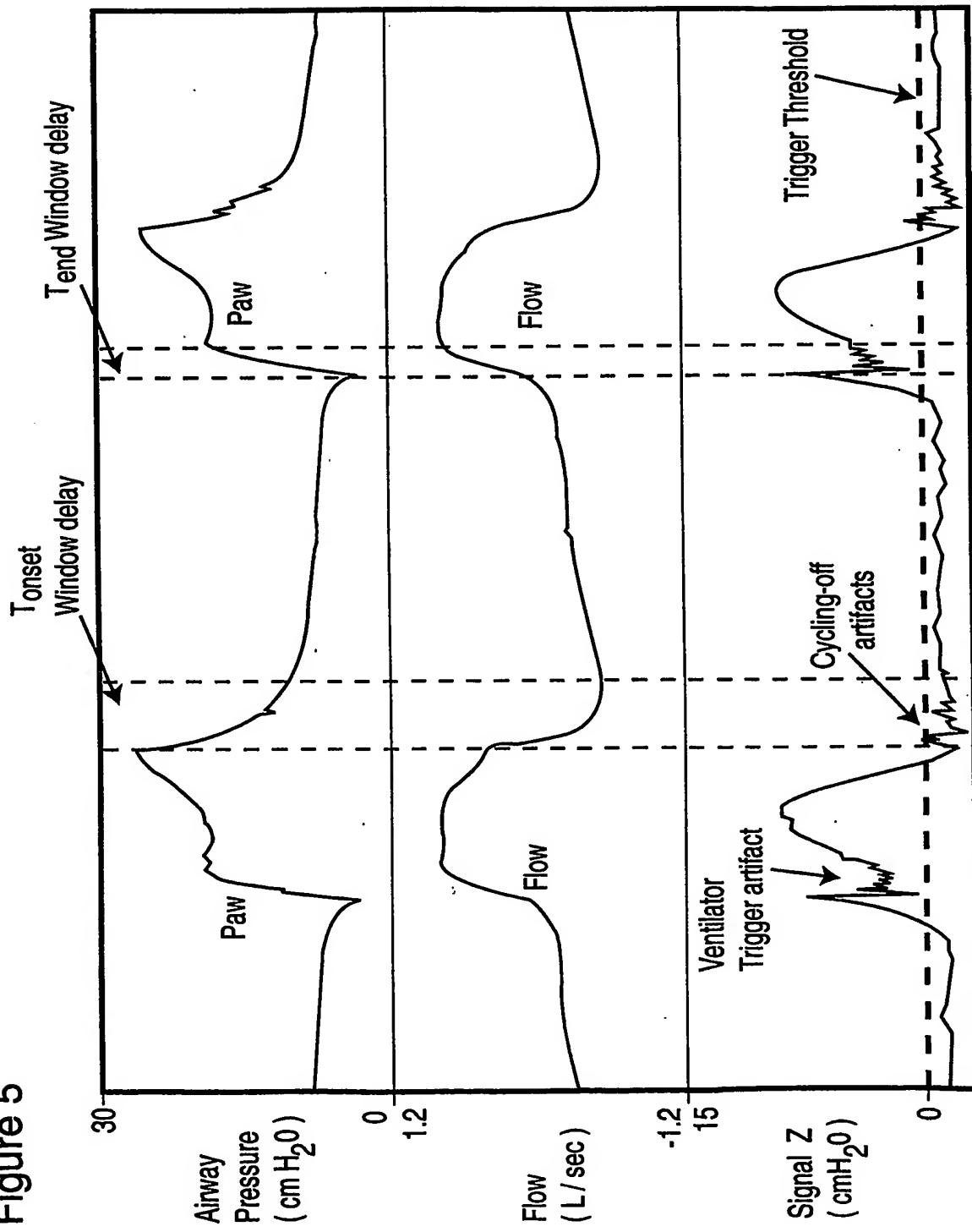


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Figure 4



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Figure 5

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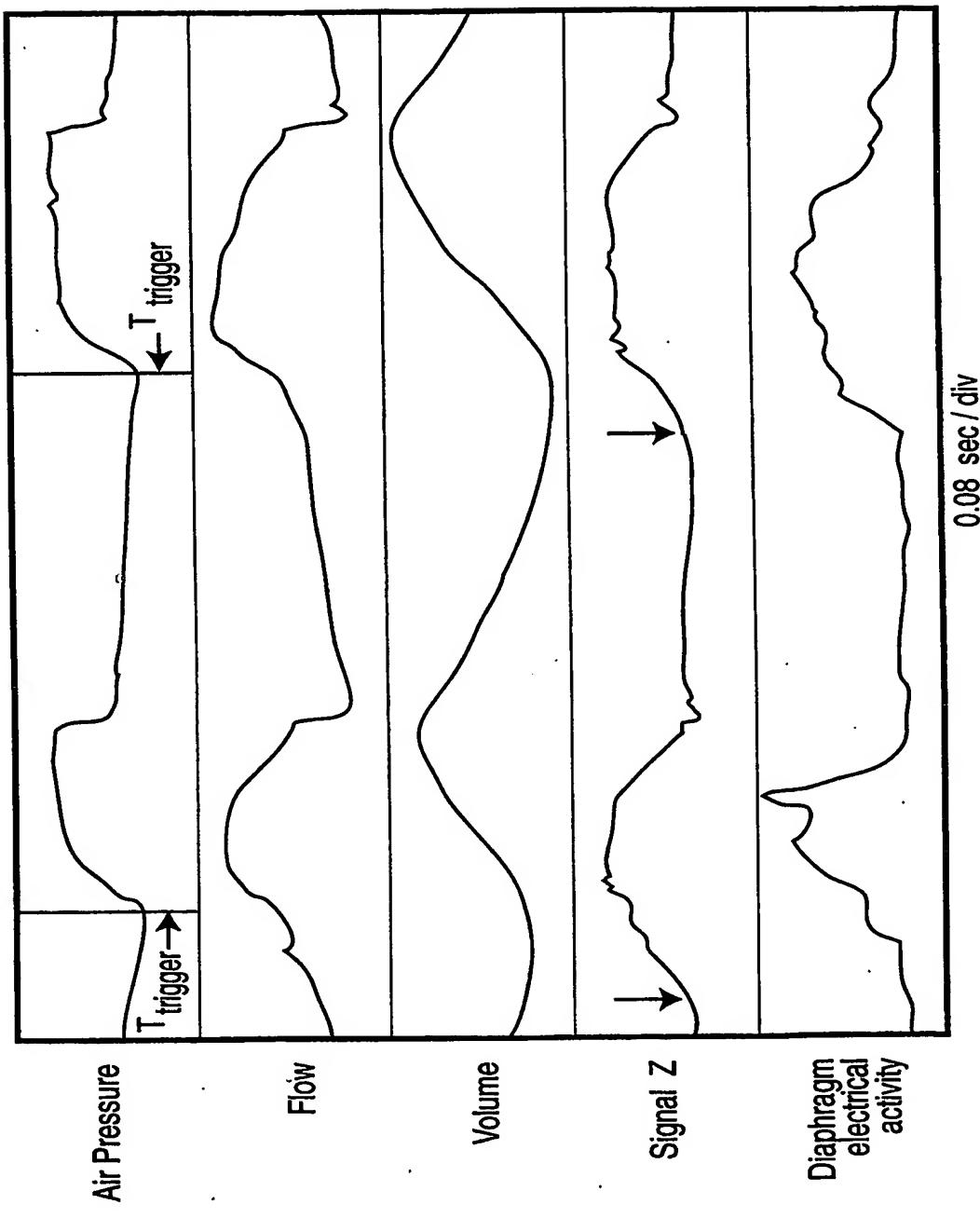
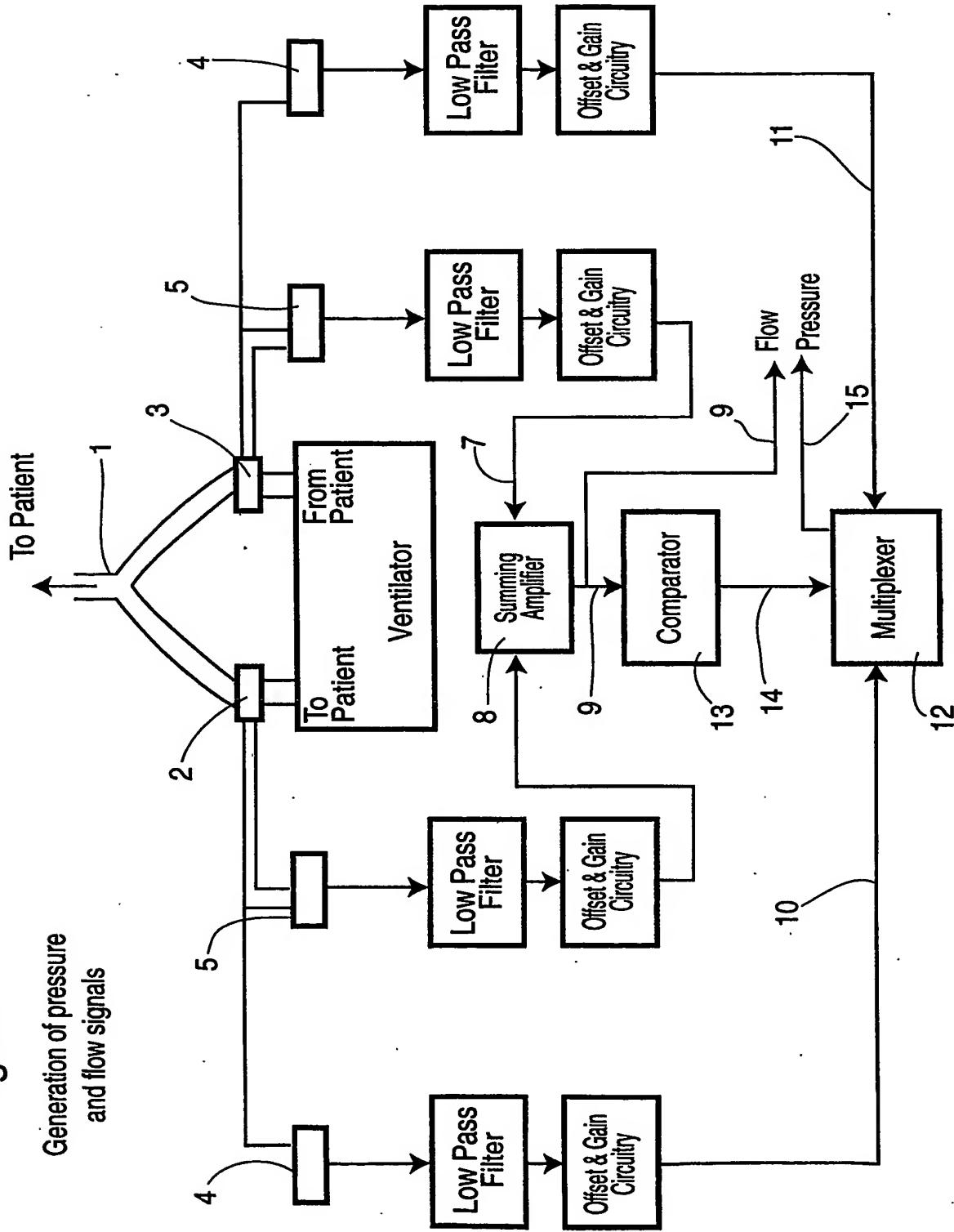


Figure 6

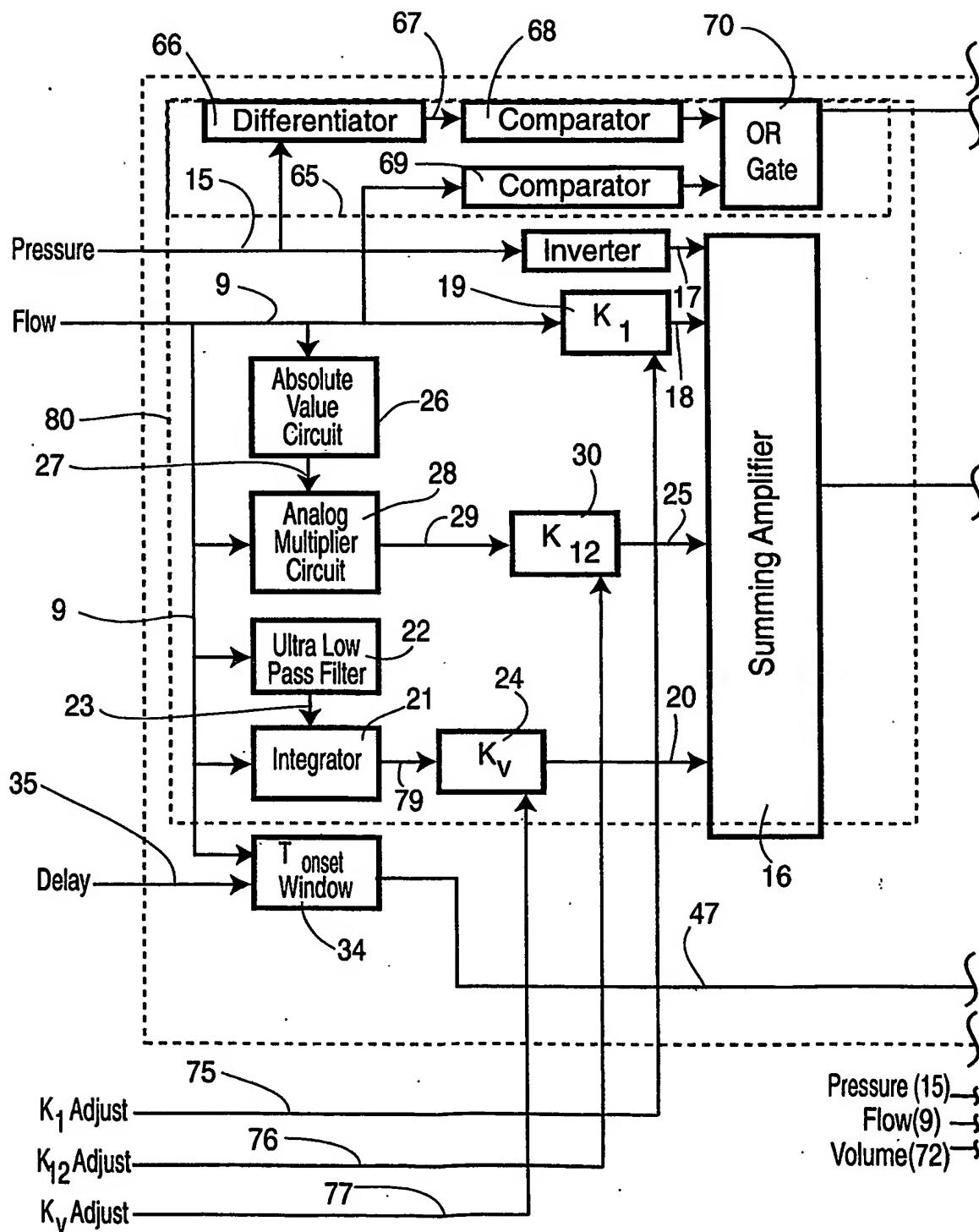
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Figure 7
Generation of pressure
and flow signals



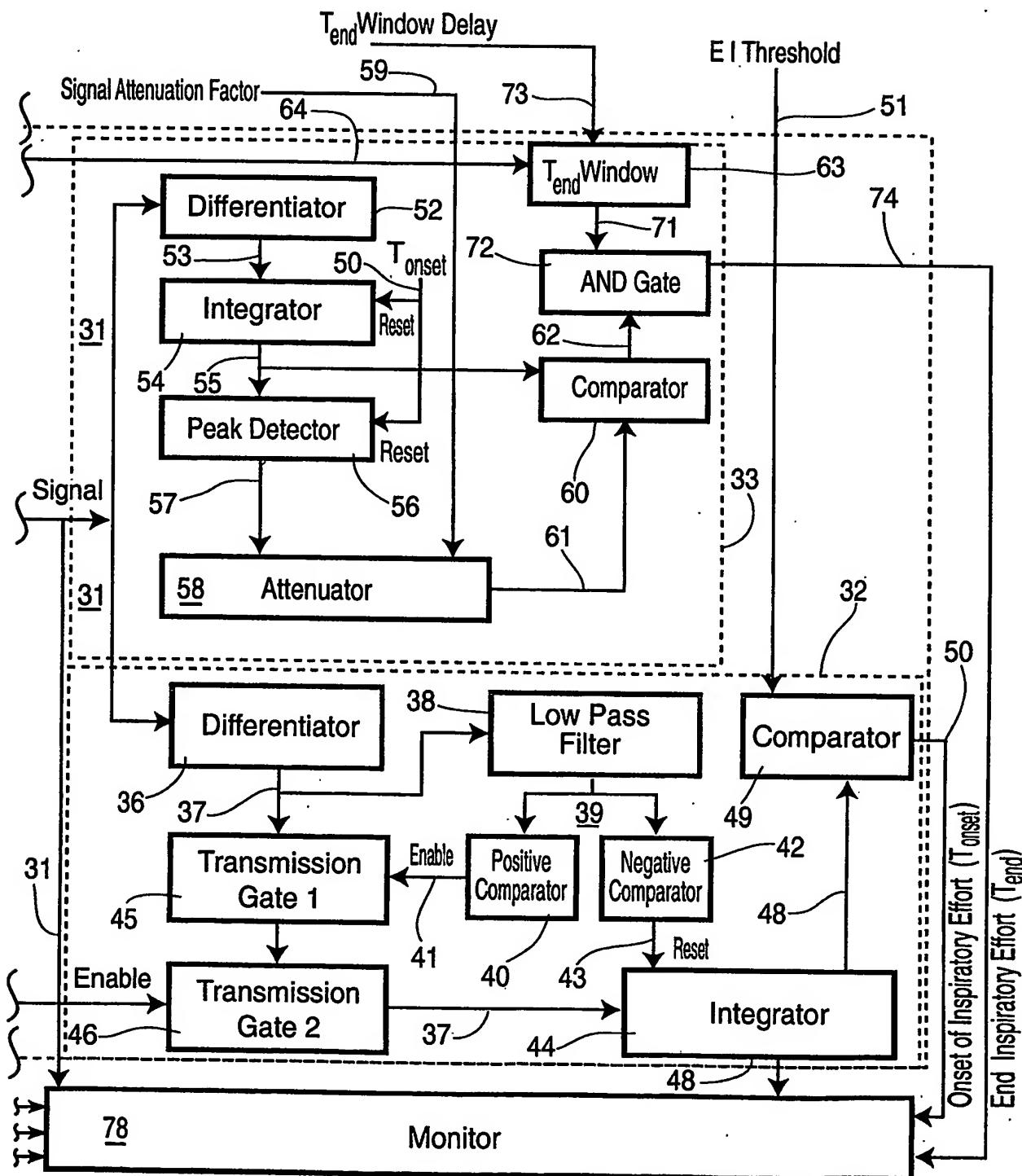
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Figure 8A



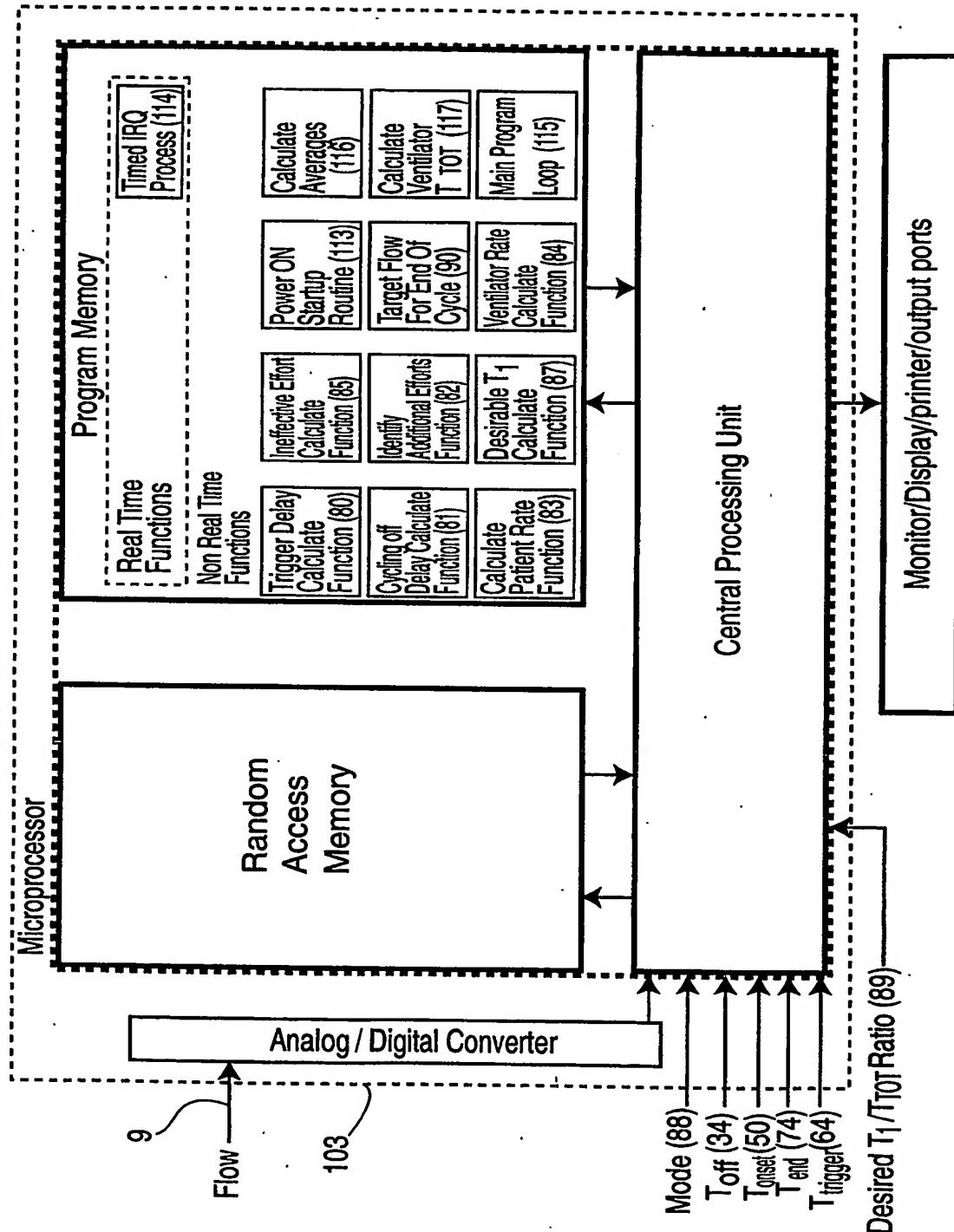
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Figure 8B

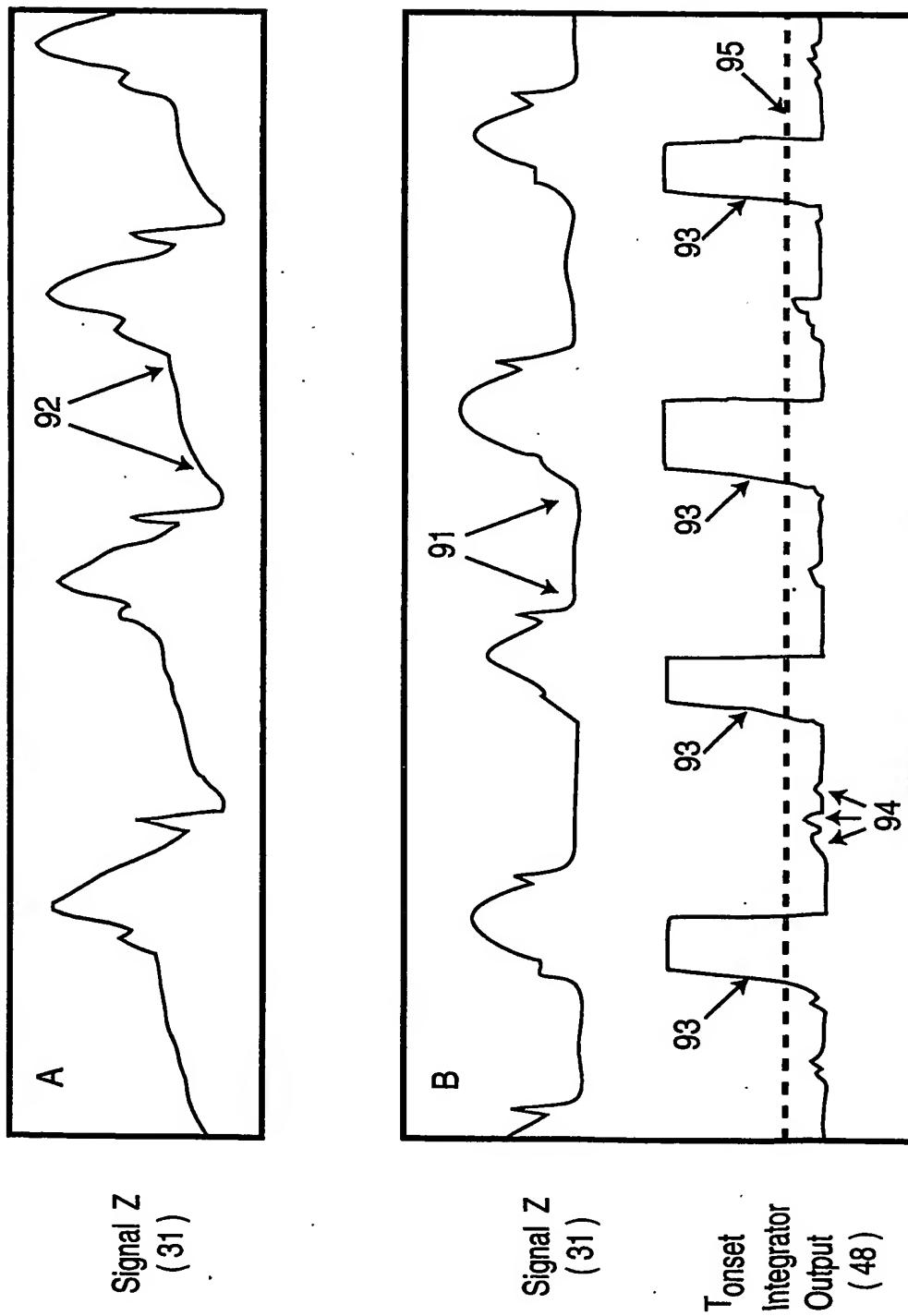


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Figure 9
Digital Implementation of Output Functions

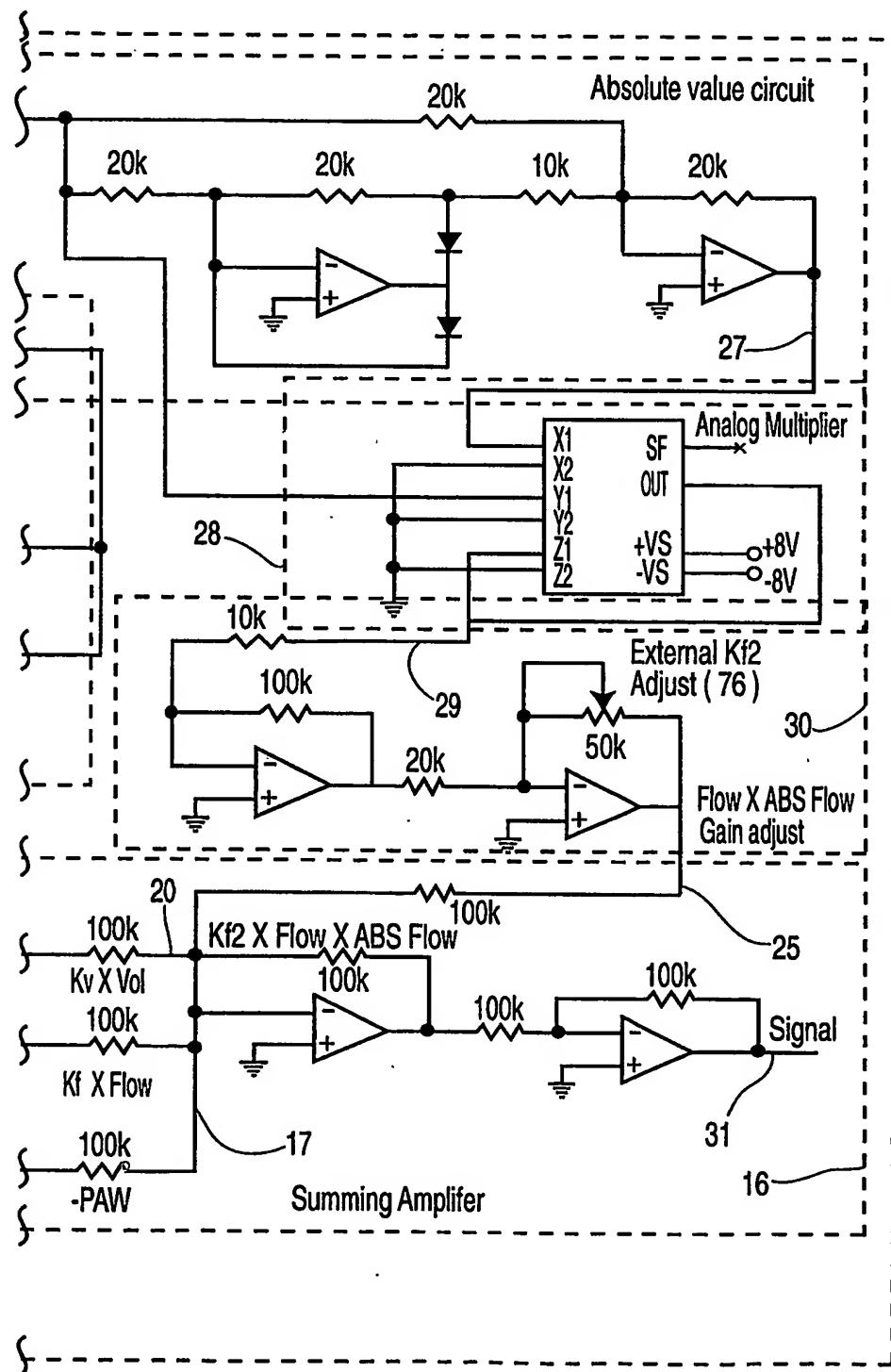


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Figure 10

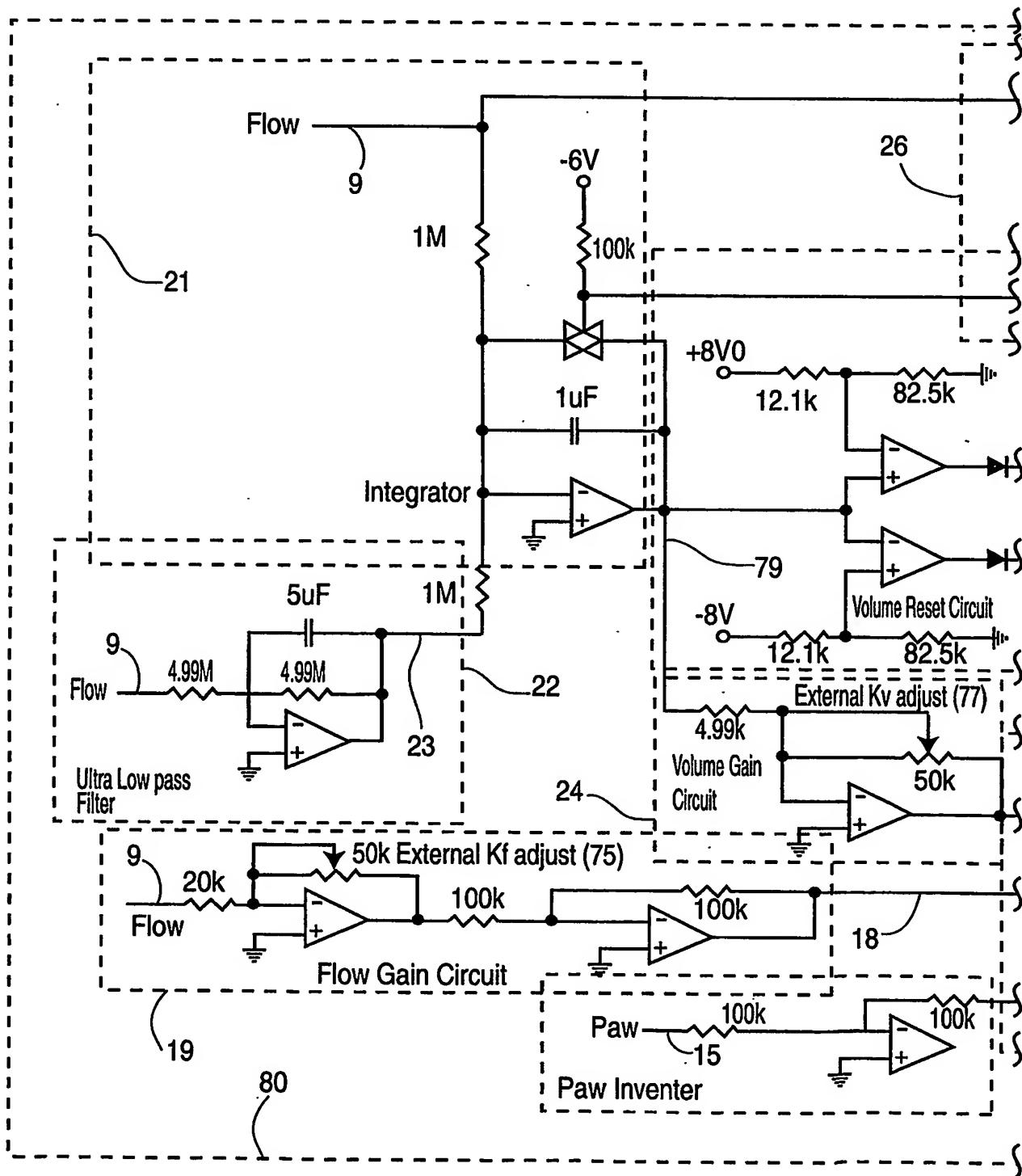
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Figure 11B



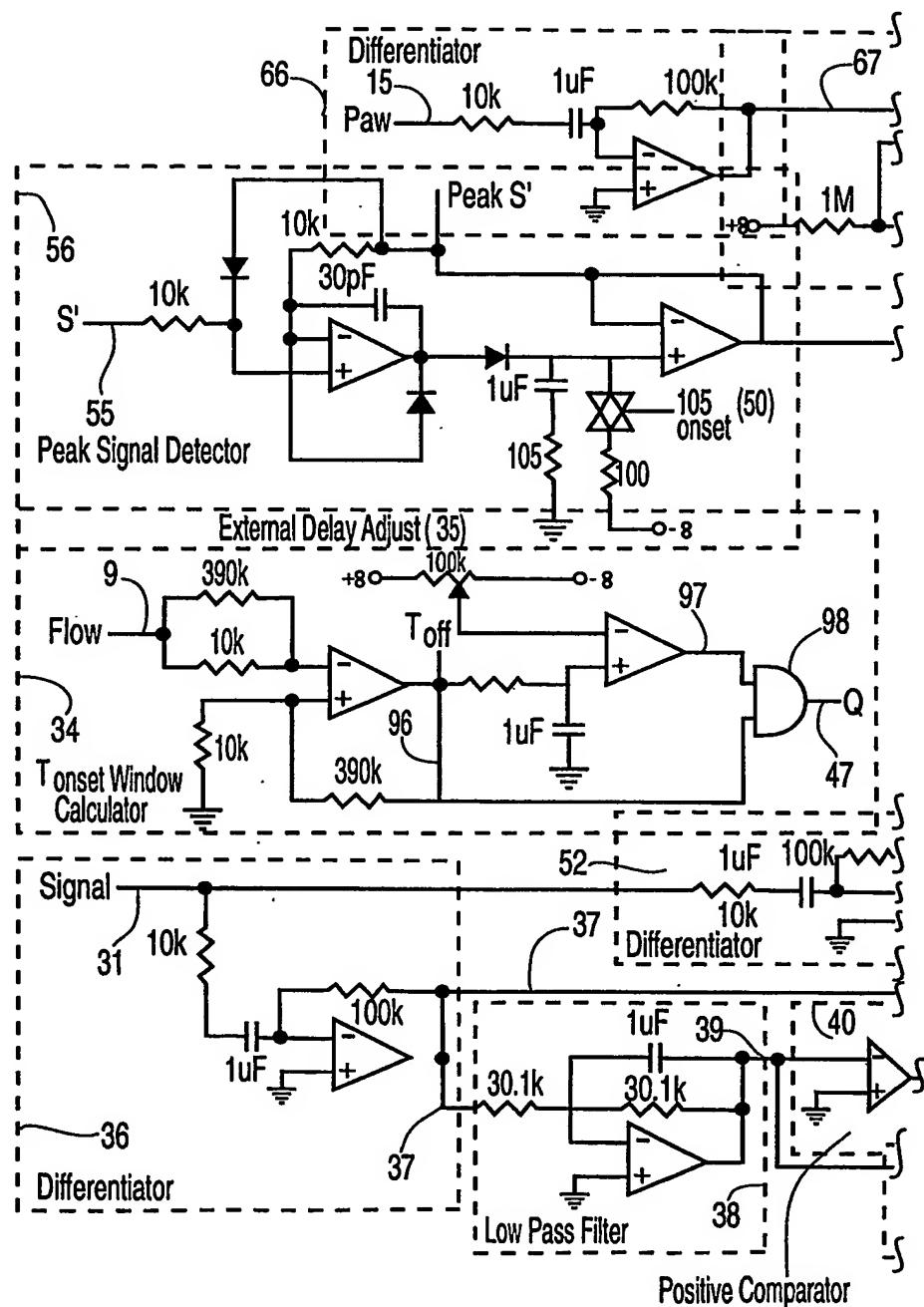
13/32

Figure 11A



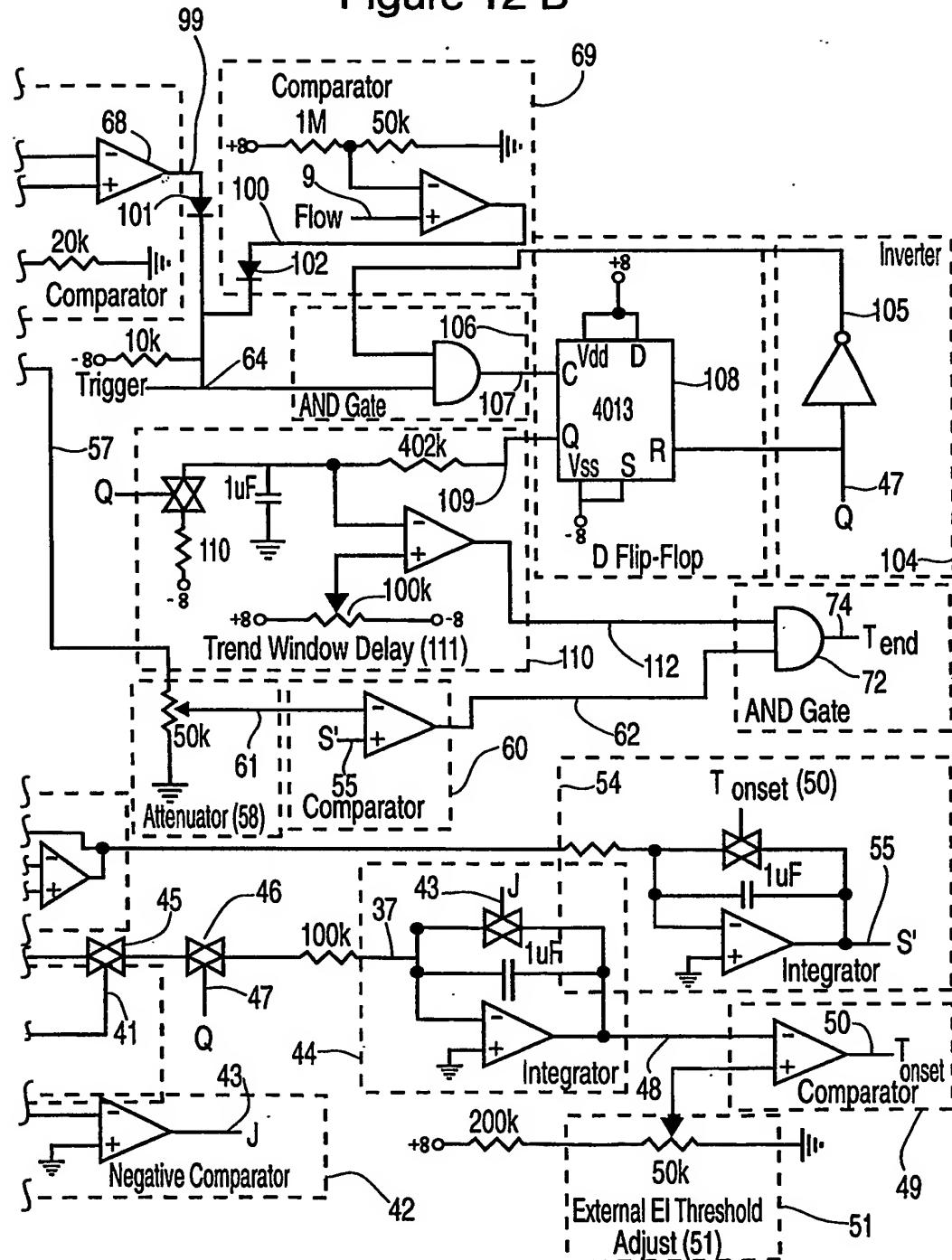
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Figure 12 A



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Figure 12 B



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Figure 13

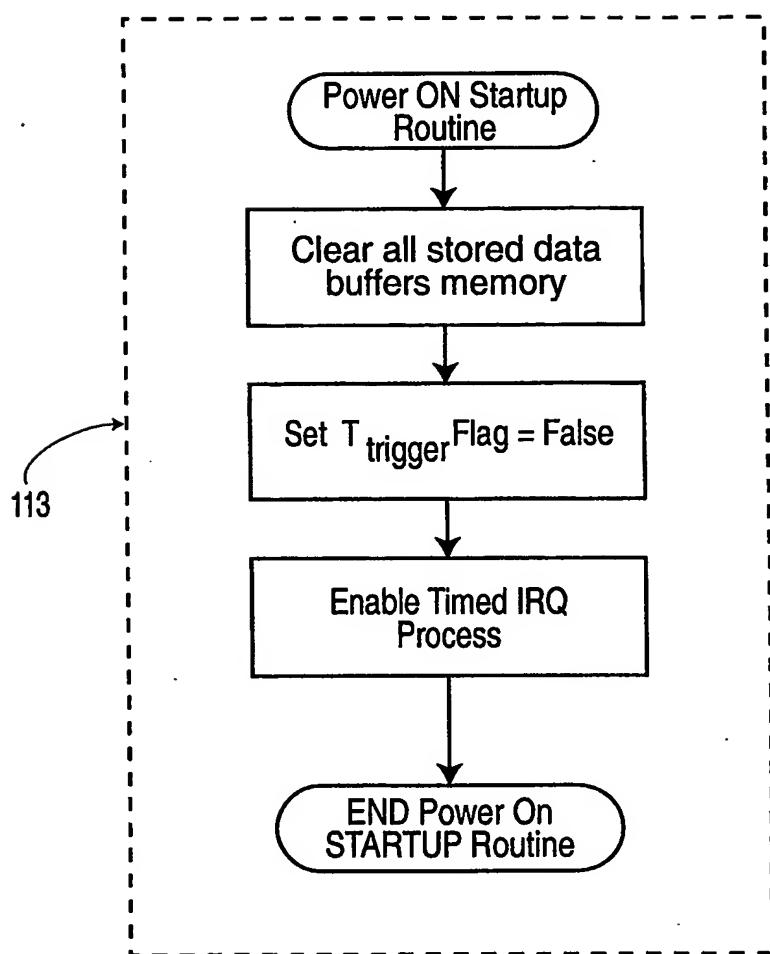
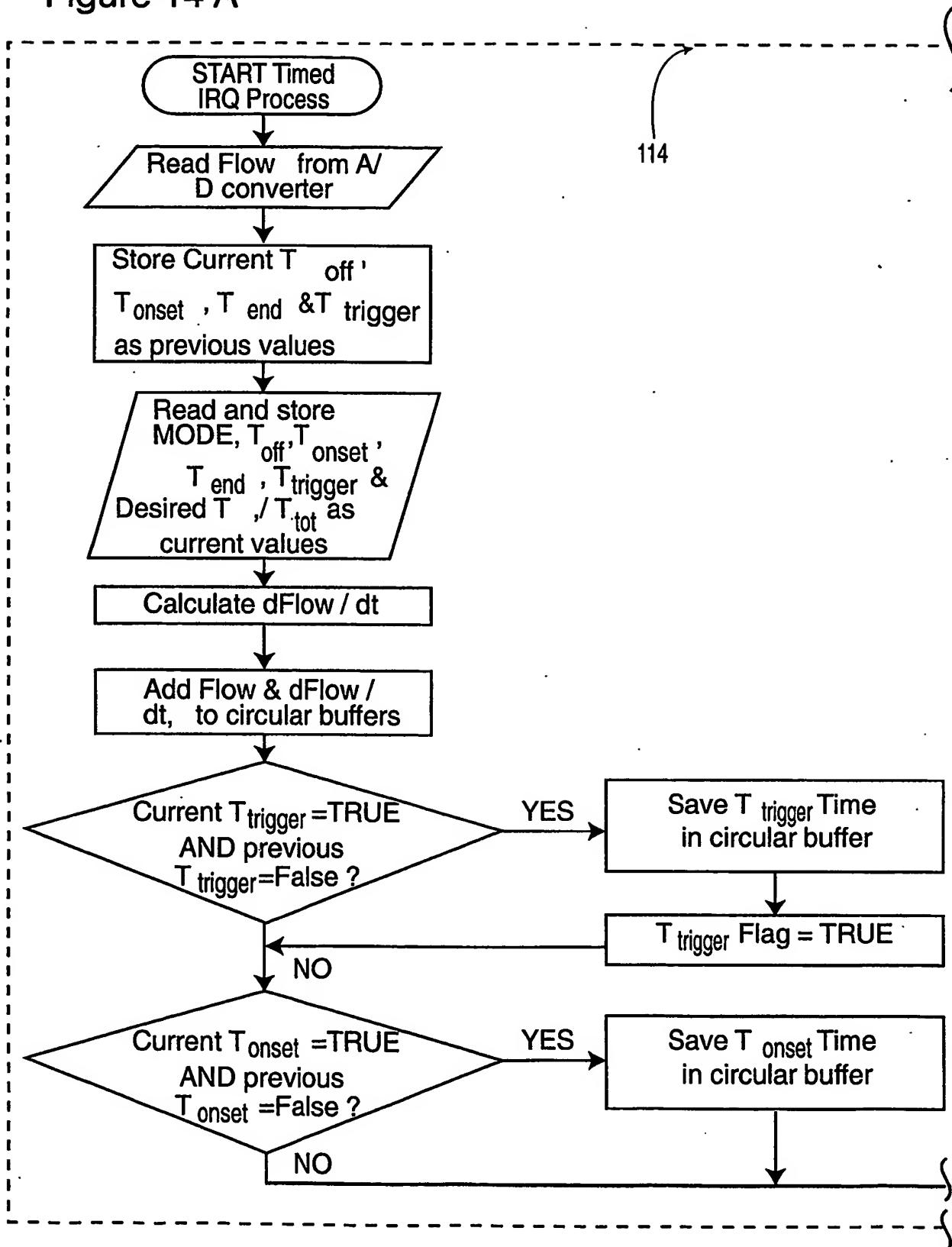


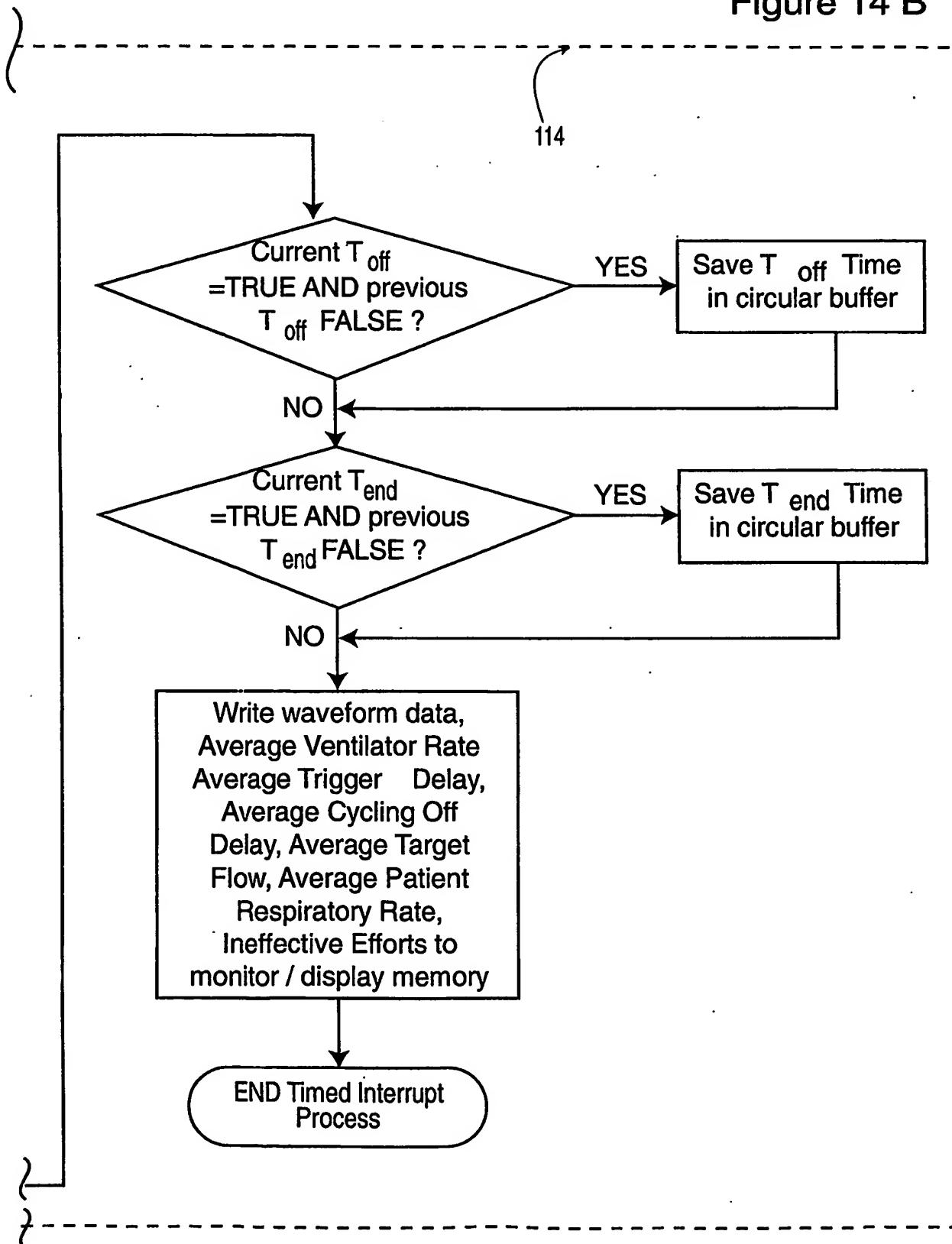
Figure 14 A

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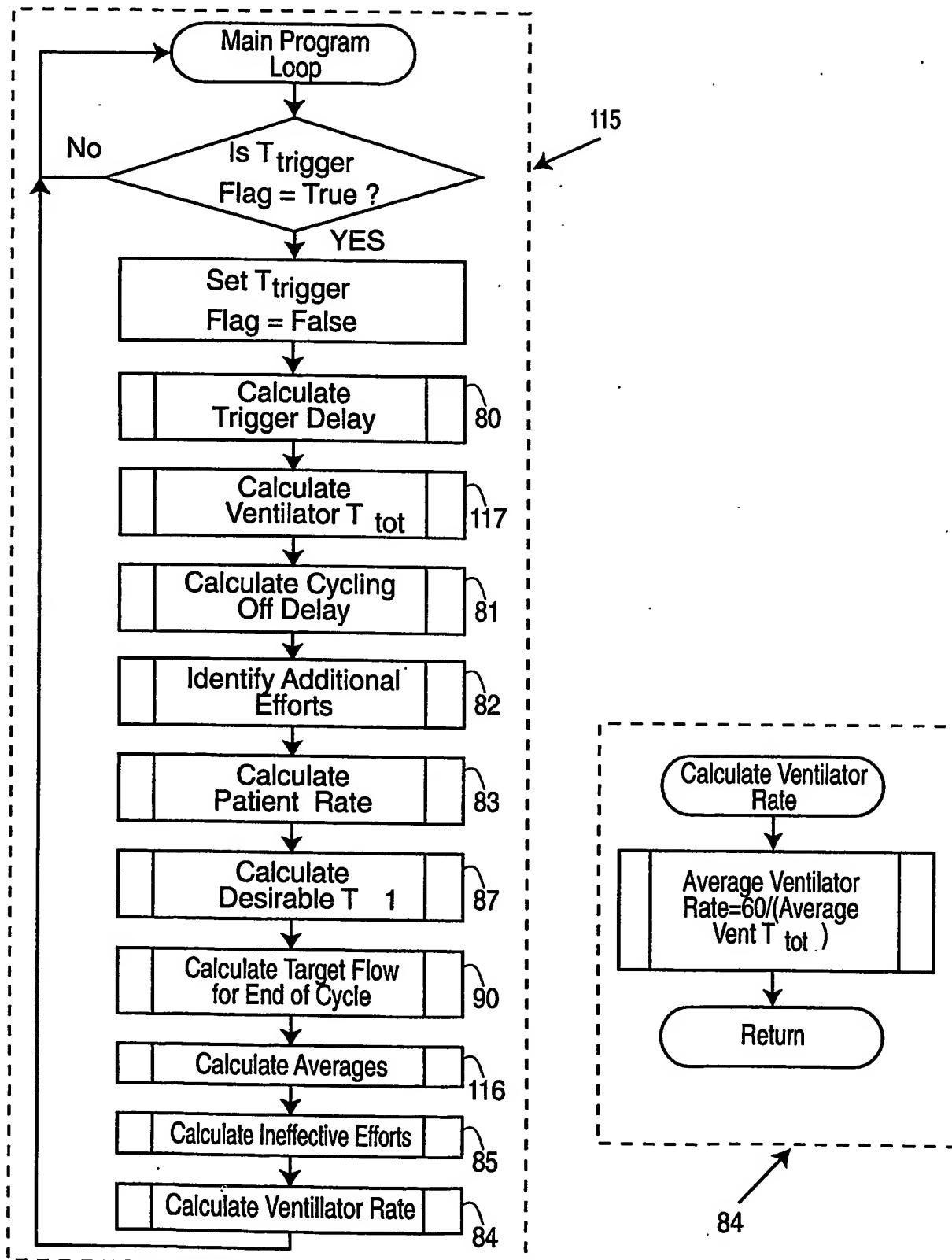
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Figure 14 B



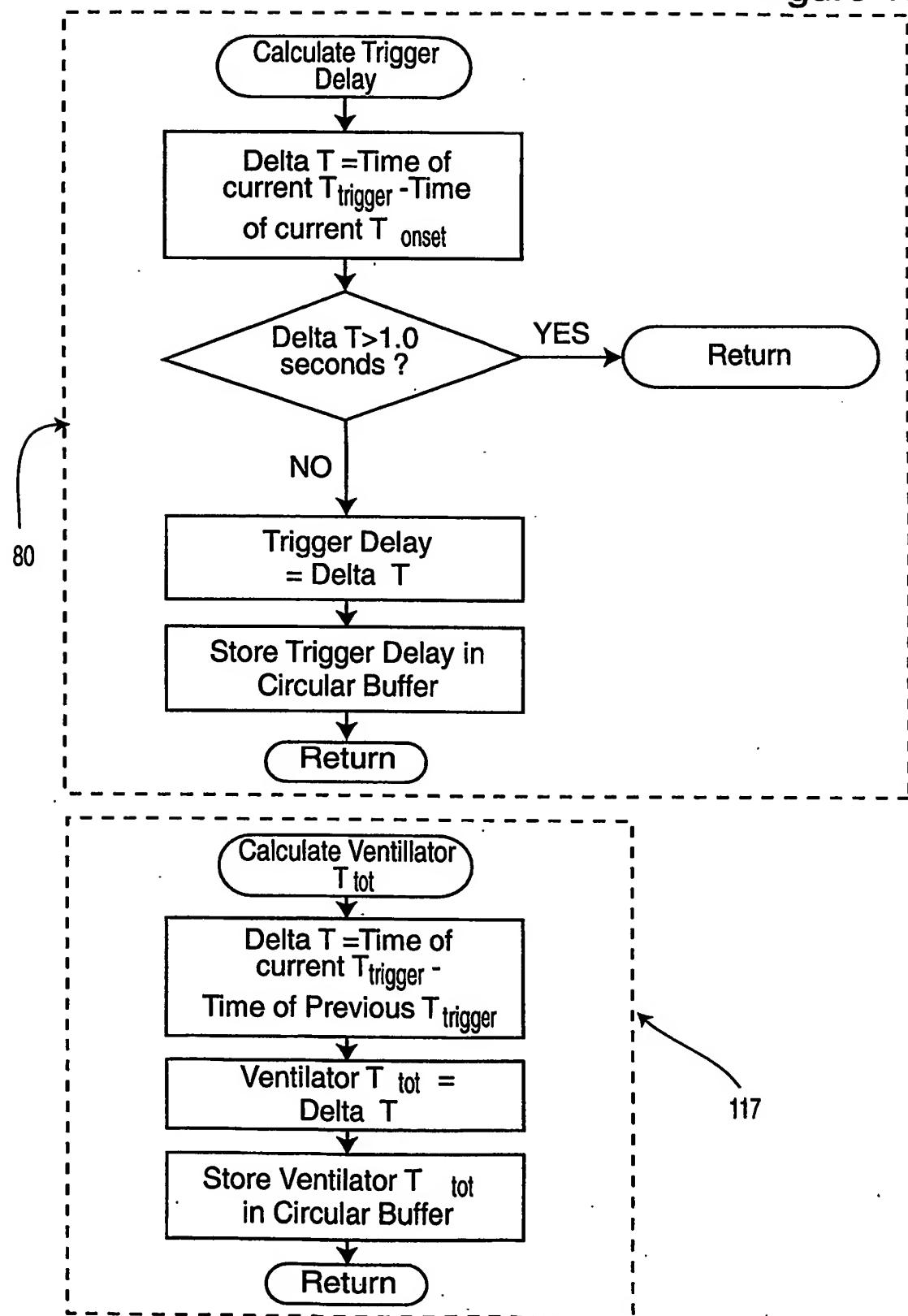
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Figure 15 A



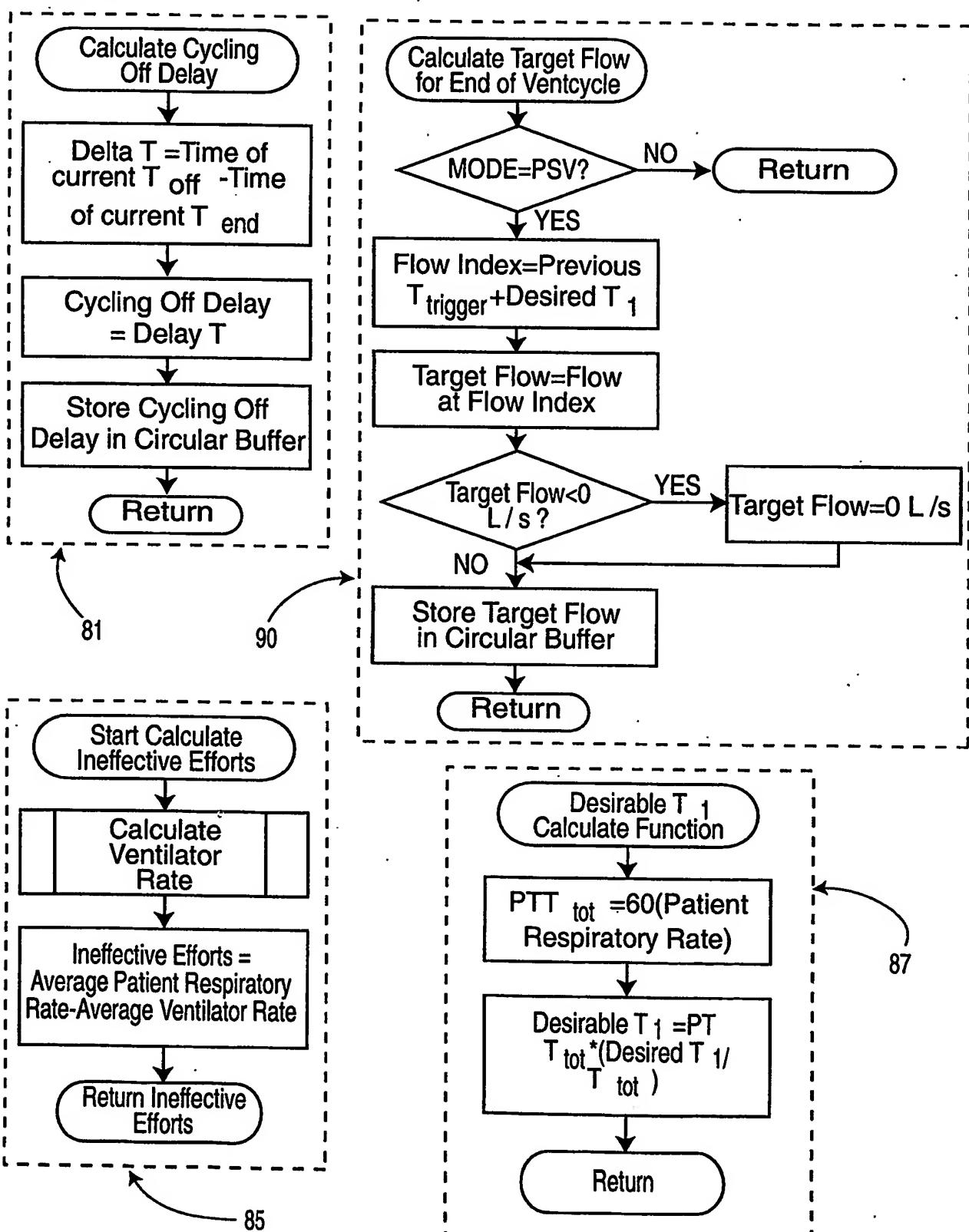
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Figure 15 B



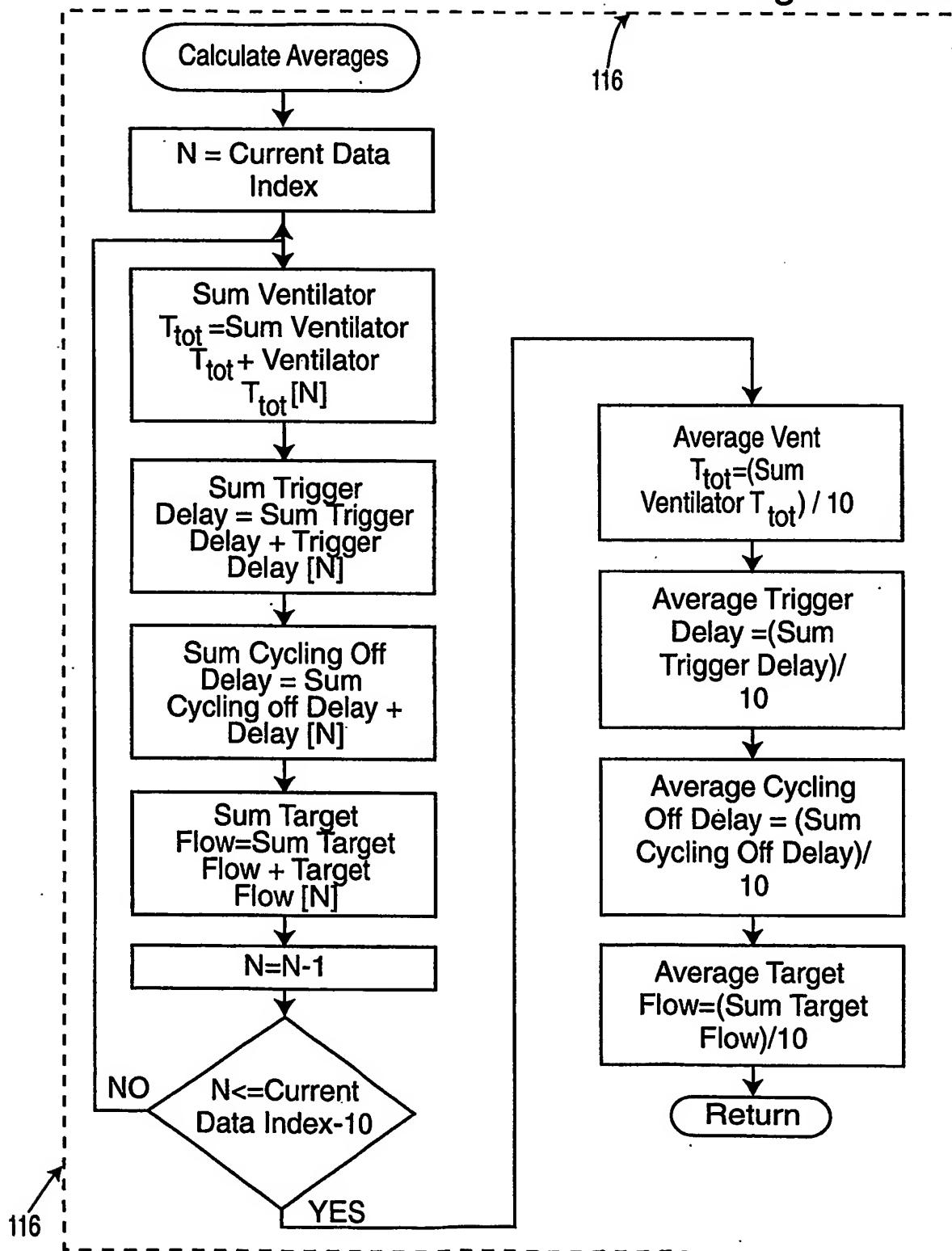
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Figure 16 A



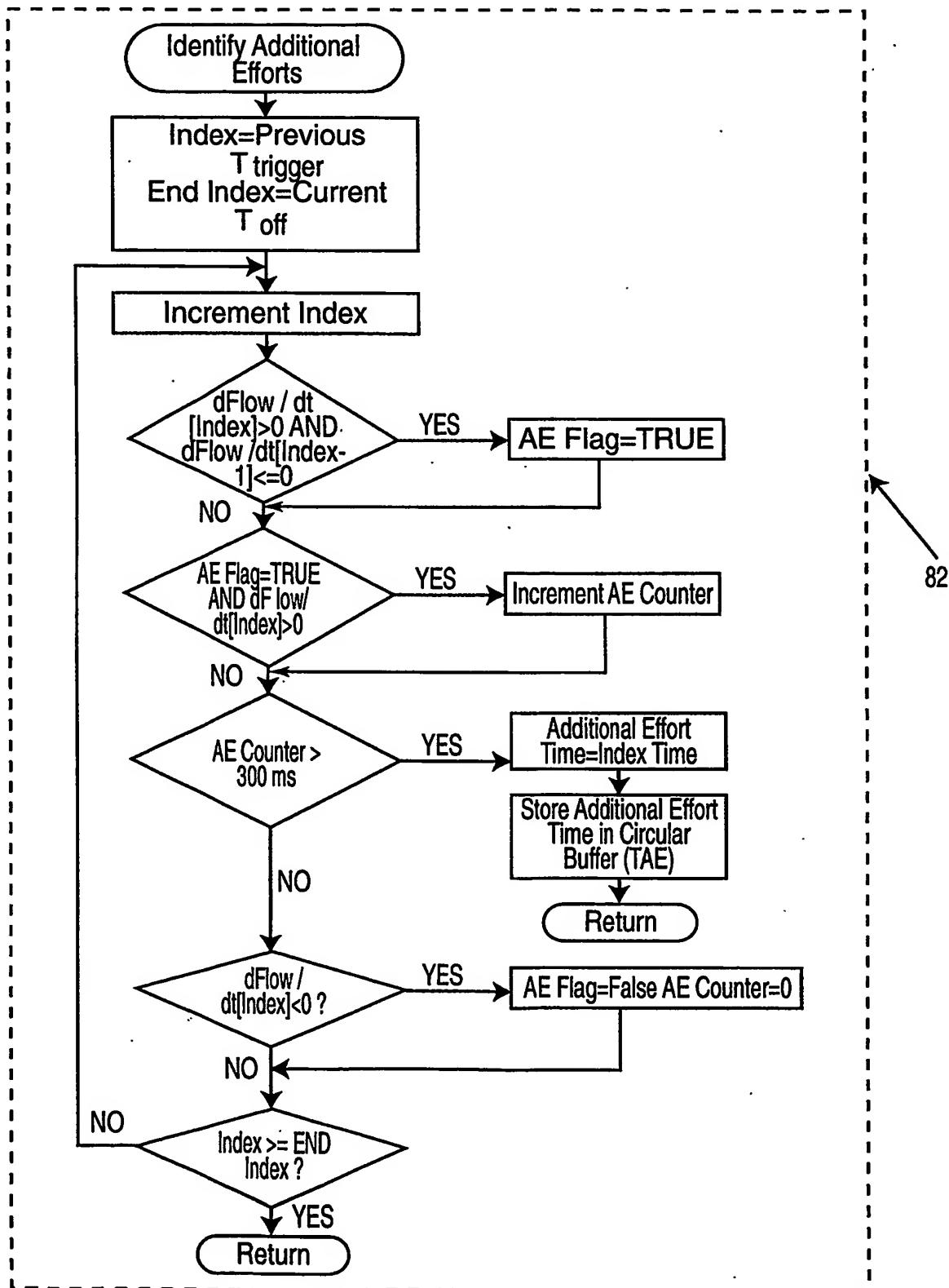
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Figure 16 B



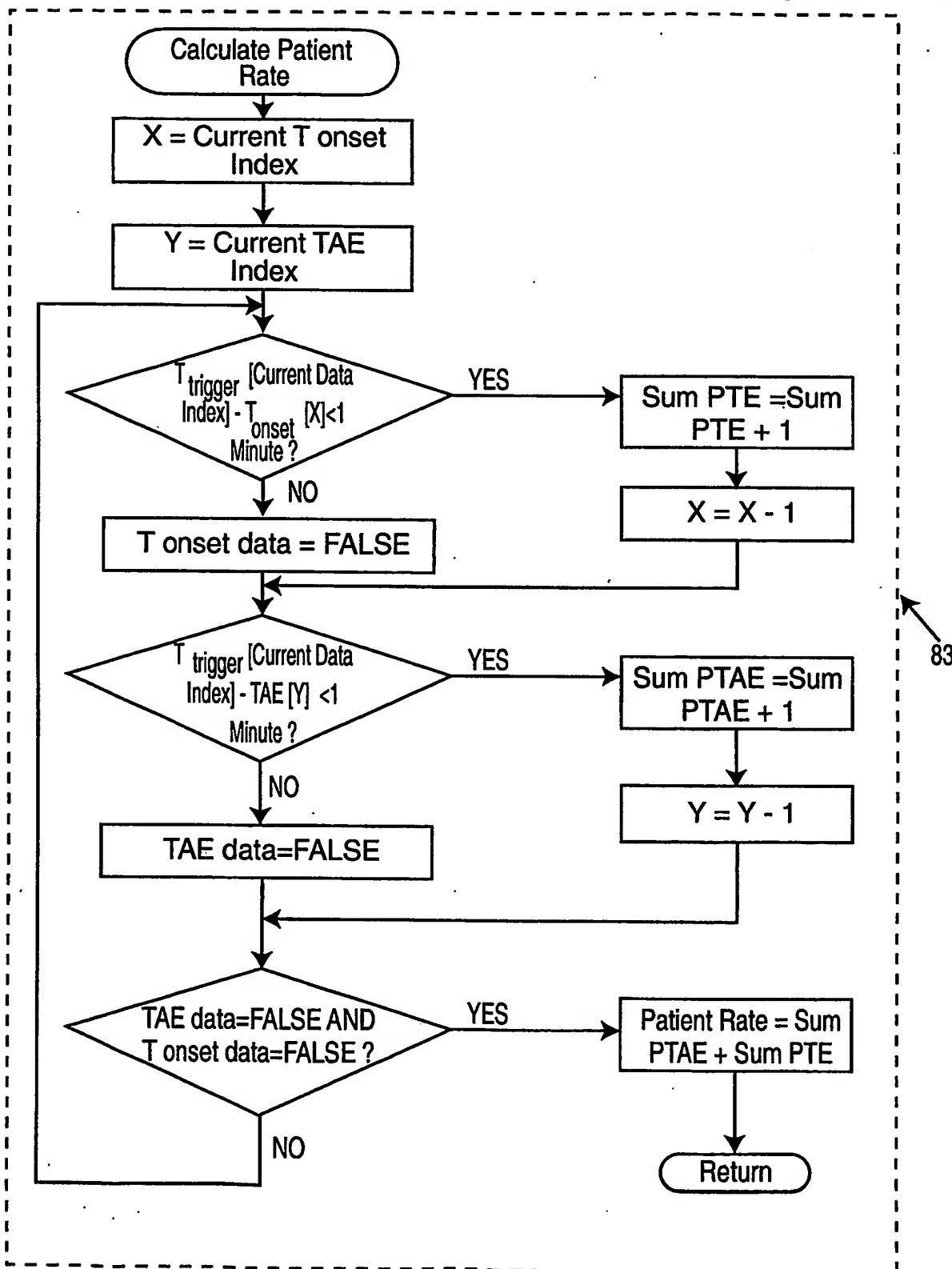
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Figure 17 A



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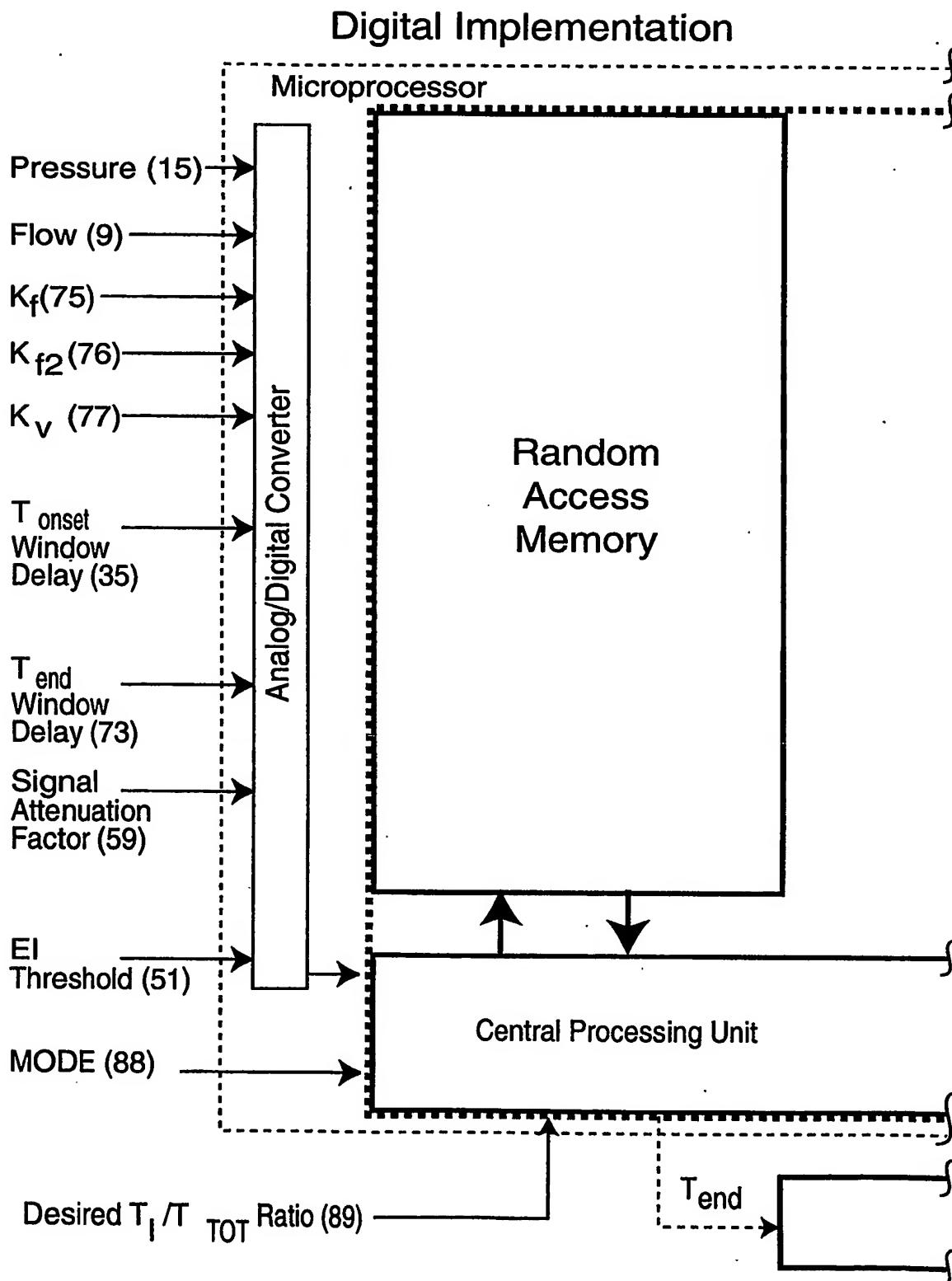
Figure 17 B



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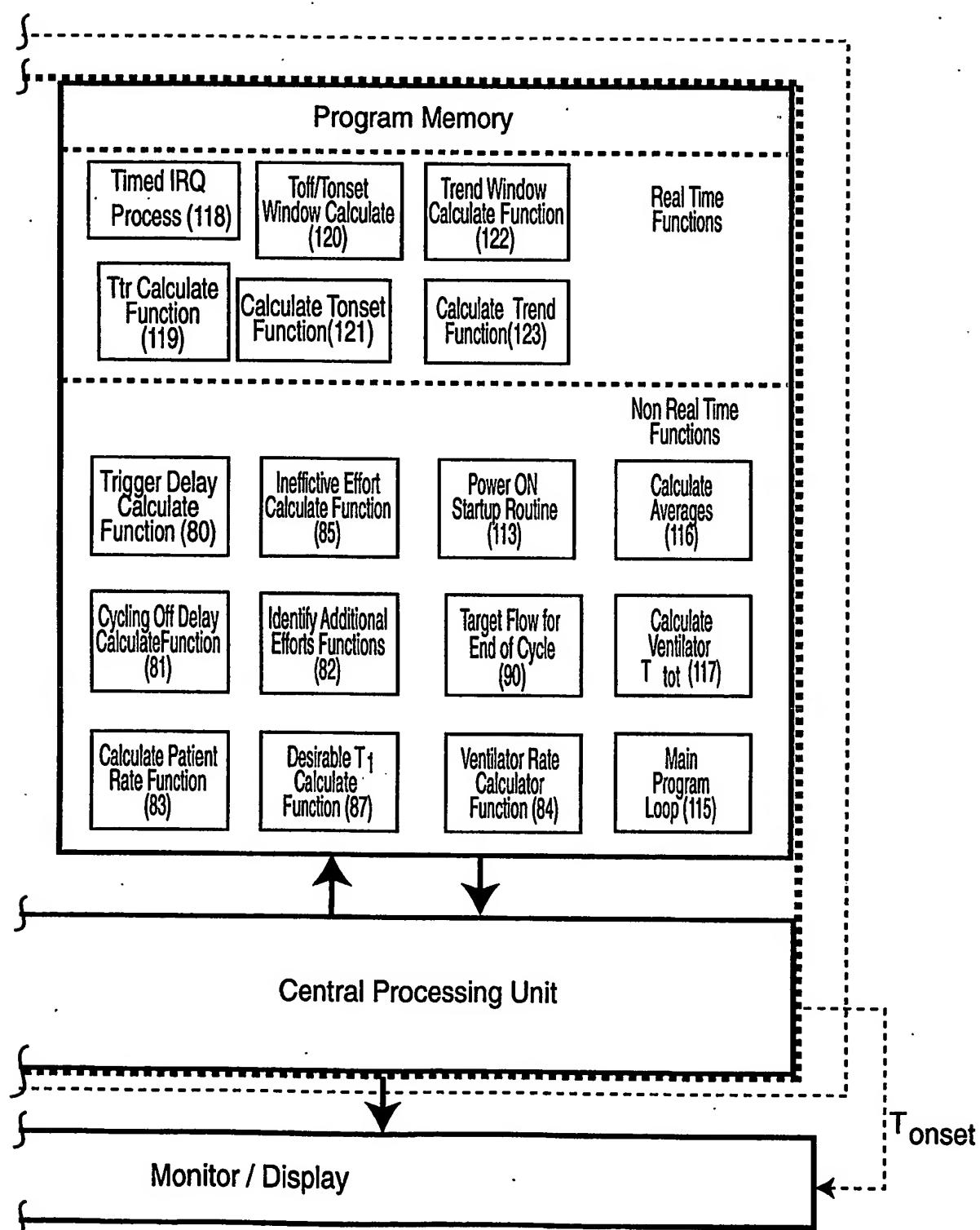
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Figure 18 A



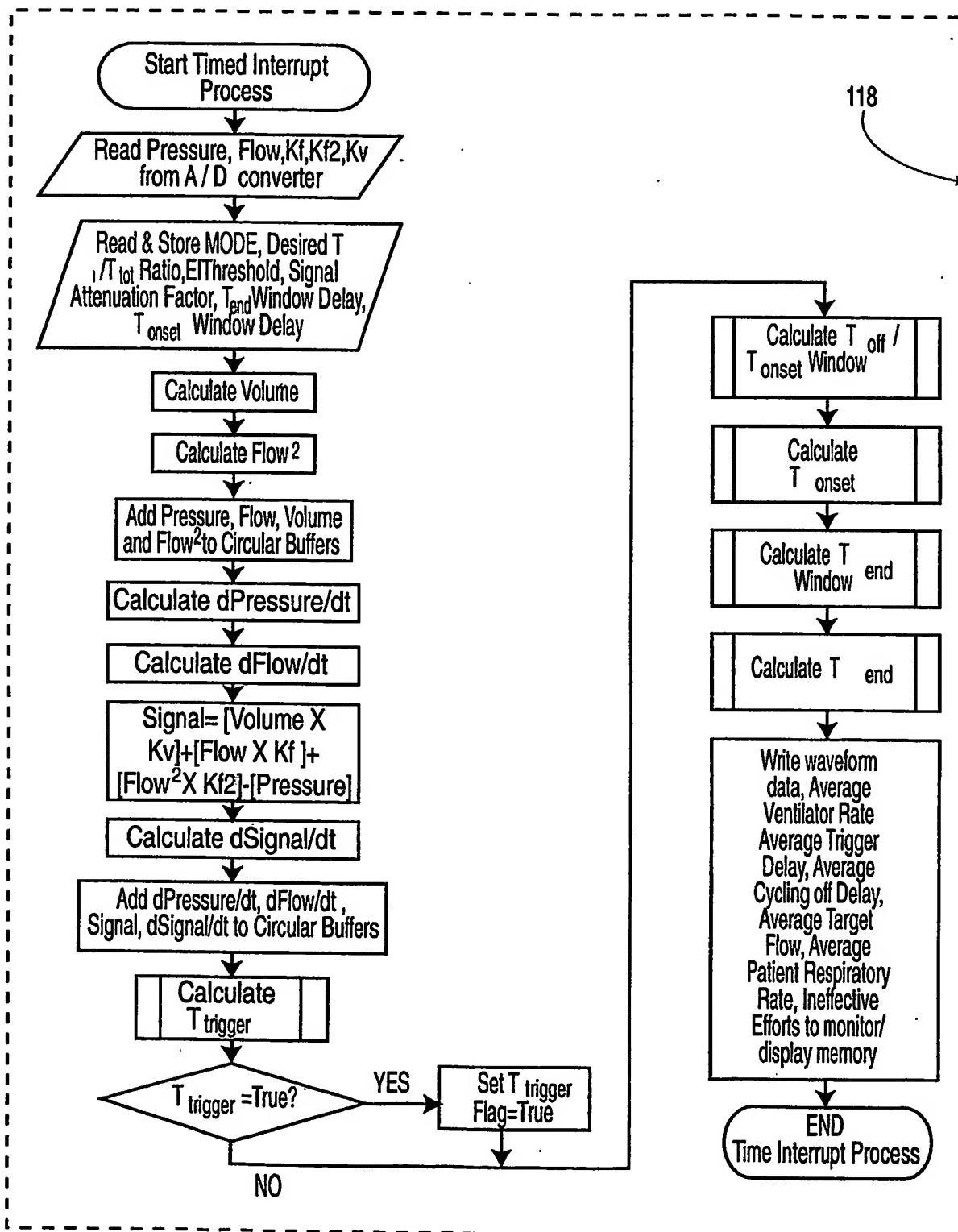
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Figure 18 B



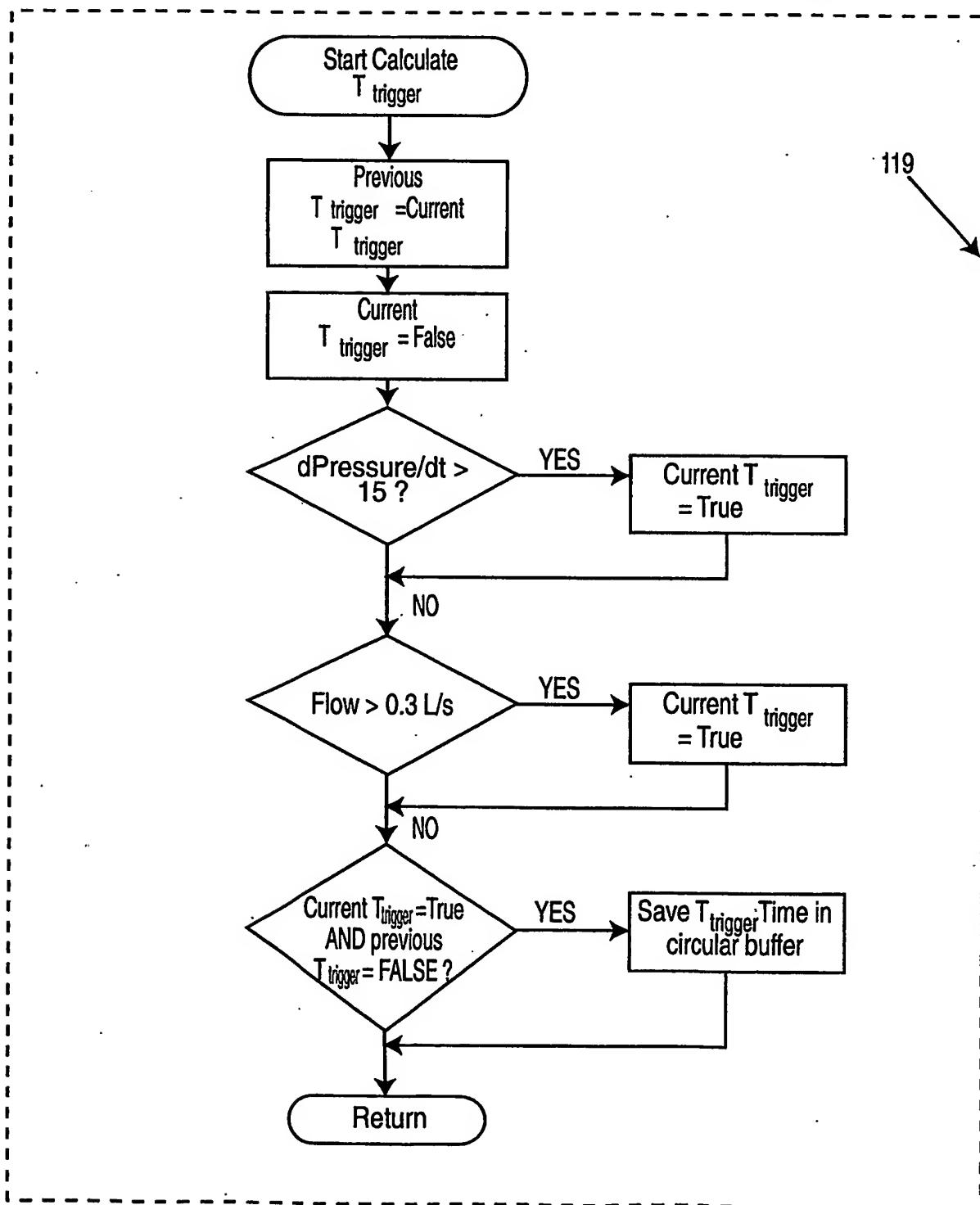
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Figure 19 A



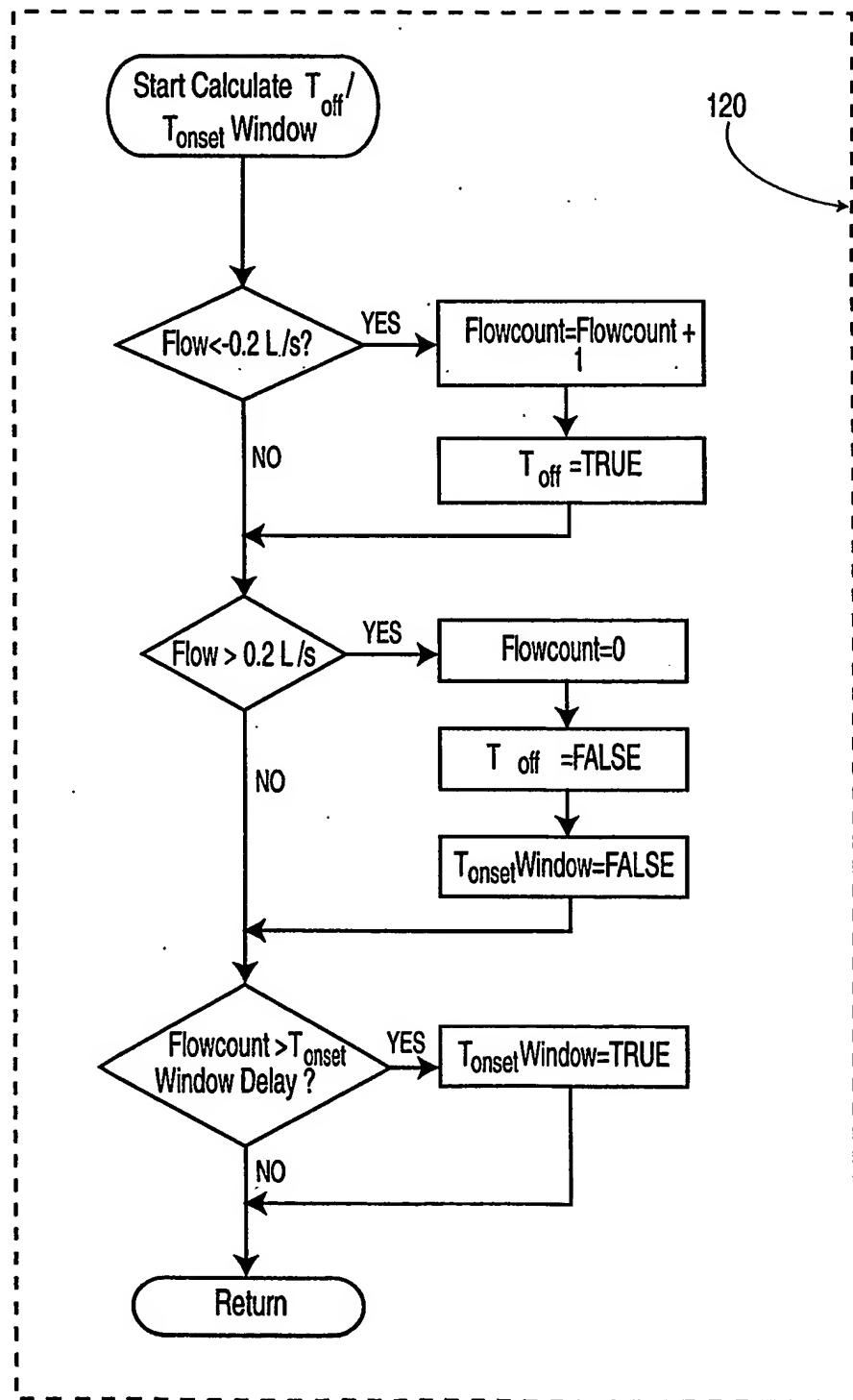
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Figure 19 B



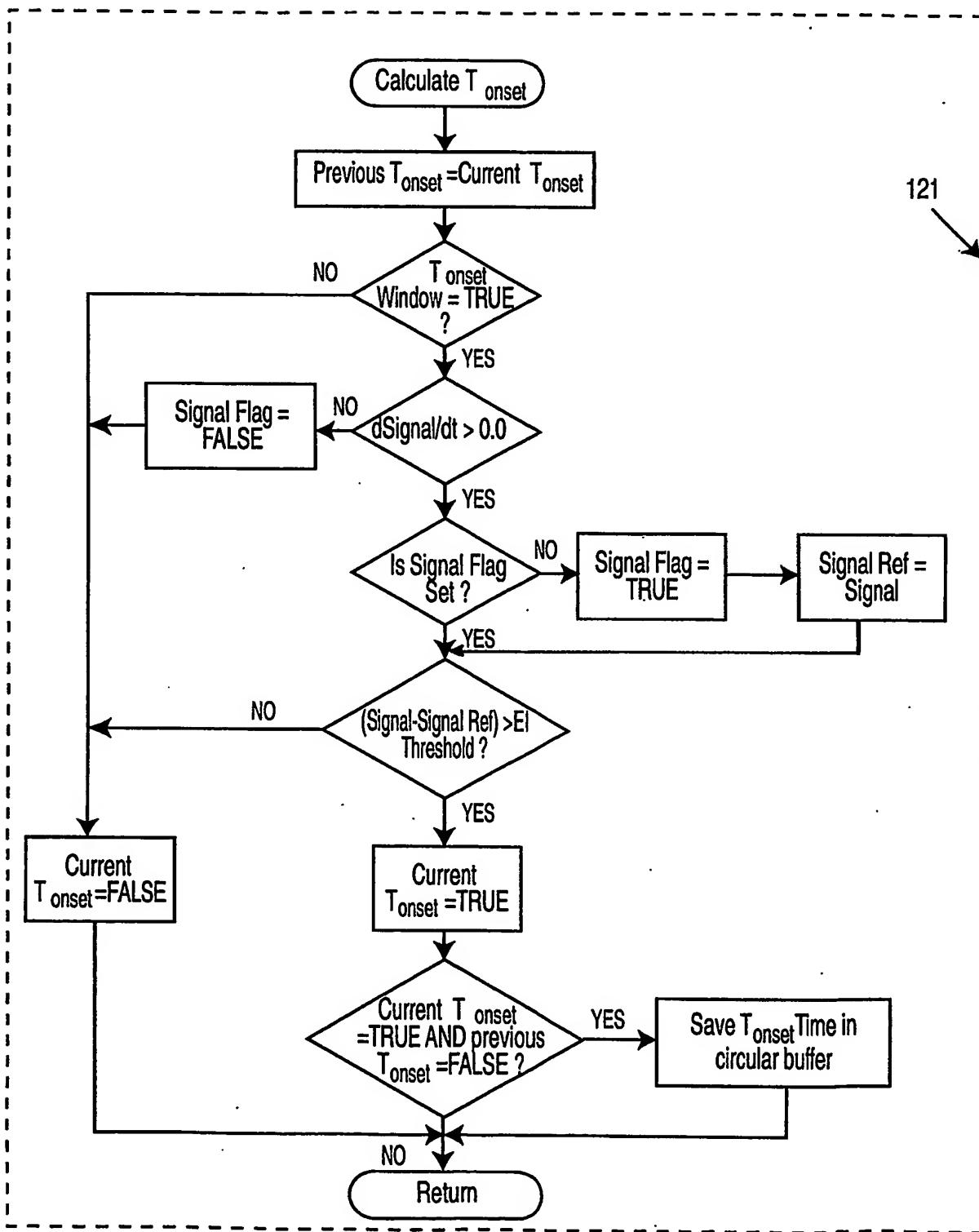
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Figure 20 A



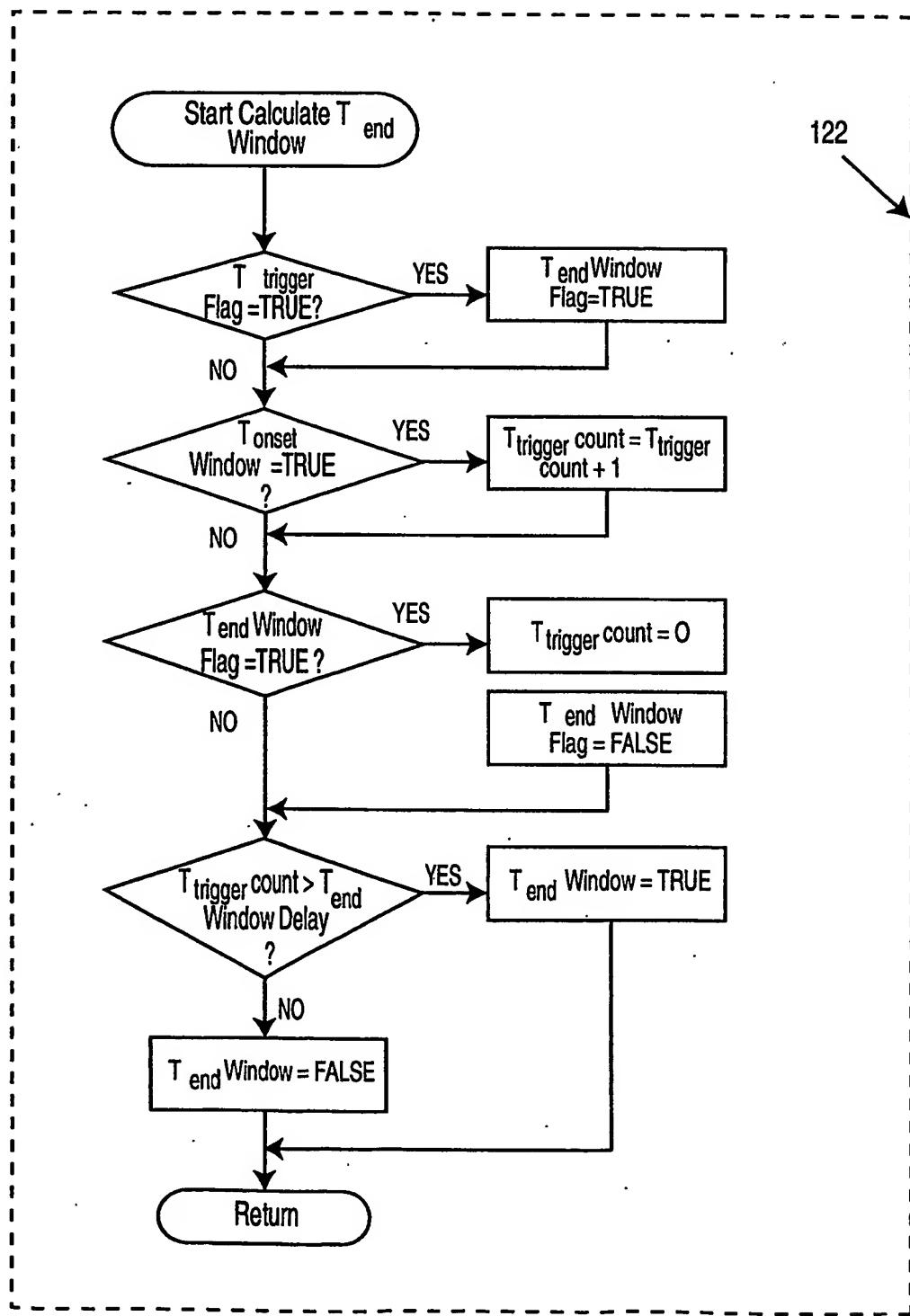
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Figure 20 B



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Figure 21 A



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Figure 21 B

